

# Southern Oregon Speedway 2017 Outlaw Pro Stock Rules

## 1. MODELS:

A: American Sedans, hardtops and convertibles

B: 108 inch minimum wheel base

## 2. CHASSIS:

A: Factory production complete full frame, 1960 or newer American passenger car frame or frame clip from uni-body car only.

B: Full frames may be cut at or behind firewall to resemble uni-body front clip.

C: NO fully fabricated chassis allowed.

D: 2700 lbs. minimum weight, with driver ANY TIME

## 3. BODIES:

A: Full fendered steel, aluminum or fiberglass bodies. Must be stock appearing. All panel edges to be smooth or rolled.

B: Aluminum or plastic wedge nose allowed. Molded plastic stock appearing front bumper allowed. OEM body must run stock appearing front bumpers or molded plastic stock appearing front bumper.

C: All body parts must remain stock appearing and must remain in place unless otherwise approved by tech man. Aluminum hood, fenders, doors, and trunk are allowed. TOP OPTIONAL.

D: Bumpers must be braced to prevent hooking to other cars but not to exceed the width of outside tires.

E: Race car appearance should be kept neat and clean at all times.

F: Fenders may be trimmed and rolled for tire clearance

G: No open holes in hood or trunk except for air cleaner.

H: Rear spoilers optional. Maximum 6" blade length, attached to trailing edge of deck lid.

I: Stock firewall optional. Replacement firewall and dog housing optional. Interior sheet metal minimum 22-gauge steel or .040" aluminum.

J: All chrome and trim pieces must be removed from body panels.

K: Doors must be securely fastened.

L: Windshield must have a minimum of three (3) 3/8" solid steel or 1/2" tubing in front of driver line of sight. NO REAR VIEW MIRRORS ALLOWED.

M: Aftermarket body must be commonly used Pro Stock or Late model type.

N: Nerf bars to be no wider than the tires. Rub rails to be attached flat to body. Both must be made a maximum 1 1/4" tubing.

O: All cars will be numbered with a minimum of 18" numbers on both sides and top of car. Numbers to contrast body color.

## 4. ENGINES:

A: Any size or make V-8 engine.

B: Any cast iron heads. NO aluminum heads or blocks.

C: Engine location: #1 spark plug can be no further back than center of lower ball joint. \*Any chassis with engine setback beyond center of lower ball joint must add 100 lbs ahead of motor plate.\* weight must be securely fastened and easily removed for inspection.

D: Any single carb manifold.

E: Any hydraulic or solid lifter cam allowed. NO roller camshafts.

F: Any style header allowed. Must run through muffler.

G: Any V8 stud and ball mounted rocker arms. Pressed Steel roller tip rocker arms allowed.

H" NO electronic traction control or timing control devices of any kind.

I: Any single carburetor allowed.

J: Any gasoline fuel allowed. NO nitrous oxide, nitro methane or alcohol.

K: Engine must be self starting.

## **5. FRONT SUSPENSION:**

- A: Stock lower control arms must be in stock location.
- B: Lower control arm ball joint area may be modified for strength and ball joint placement.
- C: Aftermarket upper control arms allowed in any location.
- D: Steering box must be stock OEM and remain within original bolt pattern of frame used.
- E: NO rack and pinion
- F: tie rods can be radius rod type with stock type inner tie rod end and a minimum 5/8" rod end.
- G: Weight jacks allowed.
- H: No driver adjustable devices permitted.

## **6. REAR SUSPENSION:**

- A: May be radius type 3 link or stack leaf. Mounts may be adjustable and multi positioned.
- B: Coil springs must be mounted no lower than top of rear end housing within 6" of center line of center line of rear end housing; front or rear. Cannot be mounted on trailing arm.
- C: Leaf springs may use sliders.
- D: Top link on coil spring 3-link can be no longer than 30" center to center.
- E: NO coil springs with less than 4 1/2" OD
- F: Steel body, non adjustable racing shocks allowed. One (1) shock and spring per wheel. Weight jacks are allowed. No Aluminum Shocks.
- G: J-bars allowed in place of panhard bars. NO cushions or biscuits. The following items specifically CANNOT be used: coil overs, coil over eliminators, biscuit bars, lift bars, pull bars, push bars, mono leafs, bird cages, Reese bars, traction bars, spring bars, z-link or any other bar that goes from rear end housing to rear of car, brake shocks, brake floaters, or any other non stock type item.
- H: NO driver Adjustable devices permitted.

## **7. REAR END:**

- A: any OEM manufacturer type rear end will be allowed. NO aluminum housing or carriers.
- B: Floater rear ends allowed
- C: Locked differential allowed. Open mini spool, full spool, or welded spider gears ONLY.

## **8. TRANSMISSION:**

- A: OEM standard or automatic transmission ONLY. Must have two (2) forward and one (1) reverse gear.
- B: All automatic transmissions must run converter.
- C: Standard transmissions must run steel or iron flywheels and standard 10 1/2' – 11" OEM clutch. NO aftermarket racing clutches. Any steel or iron flywheel allowed.
- D: 180 degree 1/4" steel plate shield MANDATORY on automatic and standard transmissions. Scatter shield type bell housing optional.
- E: NO aluminum bell housings.

## **9. COOLING SYSTEM:**

- A: Any radiator allowed. MUST remain in front of engine.
- B: All radiators must have overflow hose directed at ground inside frame rail.

## **10. SEAT BELTS:**

- A: High back, left turn aluminum seat only.
- B: Seat MUST be mounted to framework within roll cage and frame with (4) 3/8 grade 8 bolts and 4 large washers.
- C: 5 point seat belts MANDATORY. 3" lap belts and shoulder harness MANDATORY. All belts must be in good appearing condition.
- D: Belts older than 5 years old must be replaced.

E: Belts must be mounted to roll cage or frame.

### **11. ROLL CAGE:**

A: Roll cage must consist of continuous hoops not less than 1.625" outside diameter and must have a wall thickness of at least .090 inches.

B: Six point cage required. Roll bar padding in driver compartment is required. Drivers head cannot protrude above cage with driver strapped in drivers seat with helmet on. Must have at least one cross bar in top halo of roll cage.

C: Low carbon, mild steel tubing is recommended. Arc, MIG or TIG welded only.

D: A minimum of four (4) driver side door bars and three (3) passenger side door bars at least 1 ½" OD and must be parallel to frame rails and perpendicular to drivers body. Door bars must be welded to the front and rear down bars of the roll cage. Steel door plate is required, 18 gauge or .049 inch must cover the area from the top of the door bar to the bottom door bar and from the rear down bar to 5 inches in front of the seat

E: No brace bars forward of the cage may be higher than hood height. Main cage no further forward than the engine plate.

### **12. WHEELS AND TIRES:**

A: Any steel wheel, maximum 10" wide. Racing wheels are optional.

B: Stock wheels must have full double centers of 3/16" plate.

C: Stud size: minimum 9/16", must stick through lug nut.

D: Bead locks allowed on the right rear ONLY. NO bead locks, screws ore other tire locking devices on any other tire.

E: Any G-60 type tire will be allowed. Hoosier #3025, #3035, #3045 – 10" slicks, (take offs) will be allowed.

F: Siping and grooving is allowed.

### **13. BRAKES:**

A: Rotors and calipers must be stock type ONLY.

B: Vented rotors mandatory.

C: Pedal assembly type optional.

D: All four brakes must work on demand.

E: NO shut off valves allowed

### **14. SAFETY:**

A: Helmets are required and must be rated SNELL 2000 or newer. Helmets must be worn at all times while on the track and must accompany the vehicle at time of inspection.

B: Approved fire retardant driver suit, neck brace and gloves must be worn by the driver. Fire retardant shoes are highly recommended.

C: Full size (16"X 20") window net is required.

D: Arm restraints recommended.

E: 5 point safety harness required.

F: A clearly marked ON- OFF switch within easy reach of the driver is required.

G: A 360 degree drive shaft loop of ¼" X 2" steel strap or 1 inch tubing is required. Must be mounted within 6 inches of the front of the driveshaft.

H: Drive shafts must be steel and painted white.

I: 2 ½ pound fire extinguisher mounted in a quick release bracket within easy reach of the driver and safety personnel is required.

J: All cars must have a hook, chain or eye welded to the front and rear of the car for quick and Oeasy removal from the track.

K: Racing fuel cells required. Must be mounted by at least two (2) 2'X 1/8" solid steel straps. Fuel cells must be mounted in steel containers and must be mounted securely behind the rear axle. Fuel cells must be protected by roll cage tubing that extends past both sides of the fuel cell. Fuel cells are limited to a maximum of 32 gallon capacity and must have a rollover valve in the vent. Fuel cells must be mounted at least 4 inches ahead of rear bumper and cannot have the fuel pickup underneath the cell.

L: Exhaust system must be mounted so that gasses are directed away from cockpit and any area where a fuel spill could occur.

M: Battery must be mounted securely, outside of cockpit area and shielded properly.

N: Any weight added must be made of steel or lead, securely mounted and must be painted white with the car number on it.

O: NO electric fuel pumps.

**THE WINNER OF THE PREVIOUS MAIN EVENT WILL START THE FOLLOWING MAIN  
EVENT AT THE REAR REGARDLESS OF QUALIFYING ORDER.**