

# 2019 Western Speed Association

## Pro Late Model Rules

### 2019 WSA RULE AMENDMENT

**ALL RULES ARE SUBJECT TO INTERPRETATION OF THE TRACK OFFICIALS. ANY EQUIPMENT THAT THE OFFICIALS CONSIDER EXOTIC OR NOT IN THE INTENT OF THE RULES WILL BE CONSIDERED ILLEGAL FOR COMPETITION. IN THE INTEREST OF FAIRNESS, THE RULES MAY BE ADJUSTED TO CREATE A BALANCE IN COMPETITION**

All model, engine or equipment changes not addressed in this rule book must be submitted for consideration or approval prior to the date of intended usage in competition. All equipment is subject to the approval of track officials. No equipment will be considered as having been approved by reason of having passed through inspection unobserved, undetected, or considered legal in previous season's rules. Any equipment which does not conform to specifications or tolerance contained in the WSA rule book will not be eligible for approval during 2019. In event of conflict between rule sets, this rule set overrules those produced by WSA/SSCRA. The Technical Director reserves the right to add weight, -Left side % or add a Tapered 2BBL spacer plate accordingly to create a balance in competition. Decision of officials is final. Wyant Group Raceway reserves the right to confiscate any equipment deemed illegal.

### 1. Bodies and Frame:

- a) Open to ABC bodies installed to ABC rule book or approved bodies installed in accordance with their manufacture's dimensions. **\*For 2020 ABC Bodies ONLY\***
- b) 6.5" x 60" Maximum Clear Lexan rear spoiler. Minimum roof height of 46" measured 10" back of windshield. Measurement without driver in car.
- c) Minimum wheel base is 101"
- d) Maximum Track Width:
  - 1) Not to exceed 67 inches, front or rear. Measured at spindle height on the inside wheel bead of the right wheel (rearward) and at the outside wheel bead of the left wheel.
  - 2) Stock clip—maximum 69-inch tread centerline.

### 2. ENGINE:

- a) GM CRATE P/N 88958604 or 19318604 non-rebuilt factory sealed crate, 1.5 rockers. Engine must be completely stock with stock valve springs and no upgrades of any type, with exception of valve spring upgrade kit P/N 19300952. Aftermarket direct replacement sparkplugs are allowed. An aftermarket balancer is allowed. Factory seals must be in place or a witnessed repair seal by SSCRA.

b) Deliberate violation of the sealed crate engine rules will result in the following:

- complete disqualification from the event
- One-year suspension of the driver/car owner and Crew Chief
- Immediate seizure and confiscation of the engine.

c) Crank height centerline minimum 10”.

d) Maximum engine set back 3” (hole on forward plug to centerline lower ball joint).

e) Distributor type ignition, stock or aftermarket. No magnetos.

### **3. WEIGHT and BALANCE:**

a) The minimum weight of the car filled with fuel and the driver in the driver’s seat is 2800 lbs. All cars will have a maximum left side weight of 59.0% of the total weight of the car, driver and fuel.

**Shock absorbers with remote or piggyback reservoirs ARE NOT allowed. Shocks will be limited to US\$650 MSRP per shock.**

### **4. Carburetor:**

a) Crate Engine-650 cfm carburetor Holley 4777 or HP series P/N 0-80541-1. Choke tower can be removed. 1" thick carburetor spacer allowed. 2 carburetor gaskets max. 0.062” thickness for each gasket. Stock base plate, throttle plates, shafts and venturis, stock booster location must be maintained. Inspected with BLP inspection kit #7864HP

### **5. Drive train:**

a) Transmissions must have a minimum of 2 forward and 1 reverse gear. Cars must have on board starter and be self-starting.

b) Driveshaft must be steel or aluminum only. Drive shaft hoops are mandatory.

c) Any rear end can be used. Full floating axles mandatory. No cambered or independent rear ends.

d) No traction control systems of any kind.

### **6. Tires and Wheels:**

a) American Racer P/N EC84, (Compound #853) purchased from “Auto Clearing All Makes and Models Performance Parts” in Saskatoon or approved tire supplier from EIR.

b) Tire sizes 26.0 and 26.5 can only be used on the left side of the car and 27.0 can be used on the right or left side of the car.

b) No tire softening permitted.

c) ALL TIRES WILL BE SCANNED AT THE TRACK AND REGISTERED TO CAR NUMBER. Any car caught with unauthorized tires will be automatically DQ’d from event.

d) Qualifying tires will be marked and must be run in all the races (Heat races or Last Chance and Main Feature). Punctured or flat tires must be presented to the technical inspector immediately after being removed from the car. If the tire that was removed from the car has a pressure greater than 10 PSI for a left side tire or 15 PSI for a right-side tire, the car will be assessed a 1 lap penalty. Failure to present the tire to the technical inspector will result in an automatic DQ. No penalty will be assessed if the tire is less than 10 PSI for left side and 15 PSI for right side. Tires replaced with cords showing will be assessed a 1 lap penalty regardless of pressure. If a team chooses to change 2 or more tires a 2-lap penalty will be assessed.

e) Maximum 10" wide steel wheel rims.

## **7. FUEL:**

a) Crate Motors: Retail pump gasoline only with a maximum octane rating of 94 is allowed. Shell gasoline recommended. No additive, oxygenation, aviation fuel or race fuel permitted.

b) Fuel line anti-siphon check valve recommended at fuel cell. Oberg OBESV-0828 recommended.

## **8. Safety:**

a) Two-way radio and spotter required. Scanner or Raceceiver required monitoring officials designated channel.

b) A main power disconnect switch within reach of the driver with a clearly labeled "OFF" position required. This switch must be wired so a running engine shuts OFF.

c) Must meet the safety specifications as set out in SSCRA SLM rule book.