

# Pro Mod Rules Amendments

## 07-29-2024

### **Roots Big Block:**

No overdrive limit - 5.0" bore space max

Hi-helix/ Roots 14-71 2475lbs minimum

Hi-helix/ Roots 18-71 2525lbs minimum

Deduct 75lbs for 4.84 bore space and smaller Non-481X/Hemi supercharged combinations.

Add 25lbs. for transmission with four (4) or more forward gears – converter-driven combinations only. Addition does not apply to clutch combinations.

(Add 25lbs lock-Up Transmissions also if you have a lock-up in the car no matter what you have to run the weight - no other power adder) Manipulation of transmission or convertor pressure or volume, other than at the starting line, is prohibited on any non-lockup combination. Pressure manipulation control must be disarmed upon the release of the transbrake, or any other device used, when launching the vehicle for non-lockup combination.

### **Screw (C-rotor) Small Block Combo:**

no overdrive limit - 4.600" bore space max 2400lbs minimum

Deduct 125lbs for 4.50 Bore Space and smaller, small block V8 entries. (Note can run lock-up no weight add - no other power adder)

Add 25lbs. for transmission with four (4) or more forward gears – converter-driven combinations only. Addition does not apply to clutch combinations.

### **Screw (C-rotor) Big Block Combo:**

Big Block 4.9 bore space max

70% overdrive max 2400lbs minimum

75% overdrive max 2475lbs minimum

92% overdrive max 2625lbs minimum

Add 25lbs for 4.9 bore space

Deduct 75lbs for 4.84 bore space and smaller Non-481X/Hemi supercharged combinations.

Add 25lbs. for transmission with four (4) or more forward gears – converter-driven combinations only. Addition does not apply to clutch combinations.

(Add 25lbs lock-Up Transmissions also if you have a lock-up in the car no matter what you have to run the weight - no other power adder- Also If the over rule is \*example applies to all C Combos\* 70% then any combo 70.9 and below is acceptable) Manipulation of transmission or convertor pressure or volume, other than at the starting line, is prohibited on any non-lockup combination. Pressure manipulation control must be disarmed upon the release of the transbrake, or any other device used, when launching the vehicle for non-lockup combination.

### **Whipple Combos:**

A980 75% 2400lbs minimum

A980 92% 2450lbs minimum

Deduct 75lbs for 4.84 bore space and smaller Non-481X/Hemi supercharged combinations.

Add 25lbs. for transmission with four (4) or more forward gears – converter-driven combinations only. Addition does not apply to clutch combinations.

(Add 25lbs lock-Up Transmissions also if you have a lock-up in the car no matter what you have to run the weight - no other power adder) Manipulation of transmission or convertor pressure or volume, other than at the starting line, is prohibited on any non-lockup combination. Pressure manipulation control must be disarmed upon the release of the transbrake, or any other device used, when launching the vehicle for non-lockup combination.

### **Centrifugal Supercharger:**

5.0 bore space max 526-599 CID 140mm Max Centrifugal 2600lbs. minimum

Non- Hemi/481x-with 24" degree conventional head 2325lbs minimum

Add 100lbs for Centrifugal Supercharger Big block combinations larger than 5.0 bore space (max 5.3).

Deduct 100lbs for 136mm centrifugal supercharger

Add 25lbs. for transmission with four (4) or more forward gears – converter-driven combinations only. Addition does not apply to clutch combinations.

(Add 25lbs lock-Up Transmissions also if you have a lock-up in the car you have to run the weight - no other power adder) Manipulation of transmission or convertor pressure or volume, other than at the starting line, is prohibited on any non-lockup combination. Pressure manipulation control must be disarmed upon the release of the transbrake, or any other device used, when launching the vehicle for non-lockup combination.

The maximum specification for the compressor wheel tip to tip is limited to 140.99mm inducer diameter. Measurement will be taken at the point where the leading edge of the compressor wheel meets the inlet housing. All air entering the Supercharger must pass through a single inlet opening. Exducer backing plate and blade tip to tip dimensions may not exceed 188.99. (No Centrifugal entry with any gear drive or blower that is not readily available for immediate sale & delivery at least 21 days before a race. No test or prototype of any kind allowed)

### **Twin Turbo Big Block:**

5.0" bore space 88mm max ~~2475lbs minimum~~ 2500lbs minimum (Added 25lbs)

5.0" bore space 94mm max ~~2525lbs minimum~~ 2550lbs minimum (Added 25lbs)

5.0" bore space 98mm max ~~2600lbs minimum~~ 2625lbs minimum (Added 25lbs)

Stepped compressor wheel add 75lbs (Not Allowed)

(Add 25lbs for 4.9 Bore space)

(Add 50lbs for 5.3 bore space)

Add 25lbs. for transmission with four (4) or more forward gears – converter-driven combinations only. Addition does not apply to clutch combinations.

(Add 50lbs lock-Up Transmissions also if you have a lock-up in the car no matter what you have to run the weight - no other power adder) Manipulation of transmission or convertor pressure or volume, other than at the starting line, is prohibited on any non-lockup combination. Pressure manipulation control must be disarmed upon the release of the transbrake, or any other device used, when launching the vehicle for non-lockup combination)

Recirculation slot (MAP Groove) may be a maximum of .3125 inches and leading edge of slot must be within .625 inches of the tip (front) of the compressor wheel blade. Contour of the compressor blade from inducer to exducer must have a continuous radiused shape with no sharp angle changes. Exotic designed turbos prohibited.

(No test or prototype of any kind allowed)