



PRO LATE MODEL

**CHASSIS** – MINIMUM 103” wheelbase and maximum 105”

- 2” Square Frames must be minimum thickness (.083”) steel only
- Round Frames must be a minimum 1.75” OD and minimum (.083”) thickness steel only
- Stubbed rear bumpers may only extend 8” outside rear frame rails and must be capped
- All battery mounts must be securely mounted to car by welds or minimum 2 weight clamps
- No aluminum bumpers or door bars
- No titanium fasteners, components, or suspension parts

**ROLL CAGE** – All cages must be a minimum 1.5” round seamless tubing, (.065) minimum thickness

- No less than 3 driver door bars
- All cages must measure a minimum 38” from floorpan to halo

**WEIGHT** – All lead weight must be painted white with car number attached

- Be mounted by 2 aluminum weight clamps
- No adjustable weight jacking devices permitted

**BRAKES** – 4 wheel braking system mandatory

- RF Cutoff is allowed
- All rotors must be steel and all calipers must be aluminum
- Hubs must be magnesium or aluminum only.
- Combined weight of hub, rotor, bearings, drive flange, nuts, washers, seal, attaching hardware, axle cap, and wheel spacers must not exceed 27lbs

**REAR SUSPENSION** – All cars must use 4-link suspension or 2-link swingarm with coilovers

- No floating or moving 4-link plates or mounts permitted
- No bump sticks or spring rods allowed
- Aluminum or steel birdcages only

**FRONT SUSPENSION** – All cars must use independent front suspension with 1 upper and 1 lower control arm, with one coil over stock, and a rack and pinion

- All spindles must be made of mild steel construction with welded steering arm

**TORQUE ARMS** – 1 lift arm or pull bar allowed with 1 coil over fifth shock and chain limiter

- Pull Bars must be mechanical with springs or bump stops only
- No hydraulic bars and no driver adjustable devices on lift arm or pull bar

**SHOCKS** – 1 shock per front wheel, 2 shocks per LR, 1 shock per RR, and 1 shock per fifth arm.

- 1 shock can be run as a dampener on top of rearend housing.
- No shocks allowed using electronics for data acquisition or driver adjustments
- No rear covers allowed except in pit area at trailer

**WHEELS** – Aluminum Only

**TIRES** - No chemical alterations, tire softeners, or altering of sidewalls or lettering allowed

- Grooving and Siping permitted
- All tires must pass tech and meet benchmark at lab
- Techman has authority to confiscate any tire he deems to be altered
- Tires will be checked and sent off throughout the season by the track.
- Penalty for illegal race tires will result in a 2 race suspension and \$2000.00 fine to be paid before return to track is allowed.

**SEATS** – Aluminum or carbon fiber only, with head and shoulder supports

- Seat must be securely fastened to rollcage with bolts and locking nuts

**FIRE** – All cars must have fire suppression systems with optional fire extinguisher securely mounted in cockpit



## PRO LATE MODEL 2023 RULES

### **ELECTRONICS** – No 2-way radios allowed

No lights or gauges controlled wirelessly

Receiver 1-way communication is mandatory

No GPS devices, traction control, watches or cell phones allowed inside car

### **ENGINES** – Maximum 25.5" from center of left ball joint to front of engine

Engine plate permitted on setback

One 4-barrell carburetor and one distributor only

All cars must have a working starter

Crate Engines must be sealed and conform to GM Specs

### **TRANSMISSIONS** – All transmissions must have working forward and reverse gears

Must have internal clutch, no external clutch systems

Minimum 2" driveshaft constructed from carbon fiber or aluminum, painted white

### **REARENDS** – All rearends must be closed tube design, with one piece axle tubes made from steel or aluminum.

No weighted tubes or lead ballast may be added to rear housing

### **FUEL CELLS** – All fuel cells must be constructed in a steel container with top mounted pickups & rollover valve. Fuel cell must be properly mounted

### **FUEL** – Racing fuel, pump gas, or E85 ONLY

No nitrous, nitromethane, alcohol, or propylene oxide allowed.

No electric pumps permitted

### **BODY** – All bodies must conform to Unified Dirt Late Model Car Construction Rules



## ENGINE SPECIFICATIONS –

### Engine Package #1 - 604 Crate Engines

Engine Seals – Seals from all Crate Series and GM Factory Cap Style Seals are legal.

No engines with standard head bolts are legal.

All parts of GM Crate Engines must remain stock as from factory.

Refer to GM Spec Manual for parts list.

No aftermarket parts PERIOD

Carburetor – Any 750 CFM or smaller carb is allowed.

Must have 1 <sup>11/16th</sup> base plate maximum.

Carb spacer can be no more than 1" with maximum venture measurement of 1.375"

Billiet base plate may be used (.780) maximum thickness.

Spacers may not protrude into intake at any point.

Only 2 gaskets allowed, one on each side of spacer maximum (.070) thick.

No fuel injection, aerosol carbs, or nitrous allowed.

Super bowl carb add 25lbs. 1CT Carb not legal.

Headers – No Tri Y headers allowed and no merge collectors. EVAC systems are not legal

Oil System – Factory Wet Sump only. Remote coolers and filter mounts OK

Ignition – No magnetos, MSD Style ignition boxes only.

Boxes with external adjustment of timing not allowed. No Crank Triggers

Fuel – Hydrometer Test - .760 Maximum Specific gravity

Ethanol will be "Water Tested" .85 content + or – 5.

Competitor may be asked to "declare fuel being run"

Must match baselines at lab for proof of legality

Fuel Protest \$150. \$500.00 Fine for illegal fuel and 2 race suspension.

Racing Fuel, Pump Gas, and E85 are only legal fuels

Tires – All 604 Crate Engine cars will run Hoosier 1350/1600, Crate 21/55 or Hoosier 1,2,3,4 tires on RR, LR, RF, LF optional

Weight – 2300 lbs minimum with 1lb per lap burn off

Deck Height Rule – 40" top of t-bar at spoiler at ride height



## PRO LATE MODEL 2023 RULES

### Engine Package 2 - 525 Crate Engines

Engine Seals – Seals from all Steel Block Bandits, Blue Ridge Outlaws, DirtCar or GM only are legal.

All engines must be seal by GM or certified builder.

No tampering or alterations whatsoever

All parts of GM Crate Engines must remain stock as from factory

Refer to GM Spec Manual for parts list.

No aftermarket parts PERIOD

GM 525 is the only LS Engine allowed

Carburetor – Any carb or spacer as long as spacers do not protrude into intake manifold

Headers – All headers must end with collector.

Tri Y headers approved

EVAC systems are allowed

Fuel – Hydrometer Test - .760 Maximum Specific gravity

Ethanol will be “Water Tested” .85 content + or – 5.

Competitor may be asked to “declare fuel being run”

Must match baselines at lab for proof of legality

Fuel Protest \$150. \$500.00 Fine for illegal fuel and 2 race suspension.

Racing Fuel, Pump Gas, and E85 are only legal fuels

Tires – All 525 Crate Engine cars will run Hoosier 3 on RR, LR, RF,

LF optional

Weight – 2400 lbs minimum with 1lb per lap burn off

Droop Rule – 52” top of t-bar at spoiler at full droop



## PRO LATE MODEL 2023 RULES

### Engine Package 3 – Steel Head Engines

Block – Steel Only

Pistons – Any flat top or dome pistons allowed

Crank & Rods – Any steel crank and rods

No titanium rods

Cylinder Heads – 23 degree Steel GM and 20 degree Ford only

Porting and polishing are allowed

Blending of valve pockets allowed

Any Intake allowed

No raised runner heads

Aluminum Head Option – Any aluminum factory angle head or Brodix SUPR spec head allowed

May angle mill heads, angle must be within 3 degrees of factory stock

Value placement cannot be altered

25lbs must be bolted in front of midplate

Intake floor may not exceed 3/8" from fire deck at the entrance of the intake port

Valves – Stainless or titanium valves ok

Maximum valve sizes – Intake (2.08") and Exhaust (1.625")

Oil System – Any dry or wet sump system allowed

Carburetor – Any carb or spacer

No fuel injection, aerosol carbs, or nitrous allowed

Ignition – No magnetos, MSD style ignition boxes only

No ignition boxes with external ignition timing adjustments allowed

Crank Trigger OK

Fuel – Hydrometer Test - .760 Maximum Specific gravity

Ethanol will be "Water Tested" .85 content + or – 5.

Competitor may be asked to "declare fuel being run"

Must match baselines at lab for proof of legality

Fuel Protest \$150. \$500.00 Fine for illegal fuel and 2 race suspension.

Racing Fuel, Pump Gas, and E85 are only legal fuels

Tires – All Steel Head cars will run Hoosier 4 on RR, Hoosier 3 on LR and RF,

LF optional

Weight – 2400 lbs minimum with 1lb per lap burn off

Droop Rule – 52" top of t-bar at spoiler at full droop