

USA 2008 Late Models Rules

ALL RULES ARE AT THE DISCRETION OF SERIES OFFICIALS AND TRACKS

USA track Officials reserve the right to change, delete or amend the rules in the interest of "competition". Please check Usadirttrack.com for revisions.

ENGINES

GM 602 Car Weight: 2250# after race

GM 603 Car Weight: 2350# after race

GM 604 Car Weight: 2400# after race

All engines will be sealed. GM engines are sealed from the factory.

All Engines and parts must be as from factory and all components there of.

This includes but is not limited to harmonic balancers, valve springs, push rods, rocker arms, after market valve covers.

***NO upgrades are allowed to any engine that may produce power via "performance enhancing methods".

If you have any questions about the legality of an engine please contact your USA Tech official for clarity.

PROTESTS

Claim rule will be in effect.

GM 602 \$3000 Claim, GM 603 \$4000 claim, GM 604 \$5000 Claim

Any protest must be filed with USA Officials within 15 minutes of first car beginning tech. Team filing protest must have money in hand at the time of filing said protest.

Top five cars can protest anyone in front of them. Top five only.

In the case of two day shows engines will be marked for legality. Marked engine must be present at post race tech.

Cheating on engines and engine parts

Any competitor caught cheating "within the bolts"

- 1) Will be suspended for two races.
- 2) Lose all points and monies due. All illegal parts will be confiscated and destroyed.
- 3) Competitor will be fined \$500.
- 4) Competitor will be reported to GM.

CARBURETORS

*Any 750 CFM Carb or smaller. Must have 1 11/16th base plate maximum. No exceptions. (measured with no go)

*billet base plates may be used (.780 maximum)

604 1 Inch carb spacer (0 TOLERANCE)

603 1 Inch carb spacer (0 TOLERANCE)

602 2 Inch carb spacer (0 TOLERANCE)

Please take time to check your plate and with a gauge, not a tape measure.

Spacer may not protrude into carb or intake at any point. .

One gasket per surface. .070 maximum .

*No fuel injection, nitrous oxide or other type systems allowed.

*Two throttle springs strongly recommended!!

*Aerosol carbs are not legal.

EVACUATION SYSTEMS

EVACUATION SYSTEMS ARE NOT ALLOWED OF ANY TYPE PERIOD!. Note: This means any type vacuum system

HEADERS

Tri Y headers are not legal.

No merge collectors

OIL PUMP

Wet sump only.

No external oil pumps period. Even if considered "wet":

Remote oil filter and lines permitted. (One) remote oil filter.

Oil cooler allowed. (One)

DISTRIBUTOR

No magnetos.

Electronic ignition allowed.

MSD type box allowed.

Mandatory MAX. 6800 RPM CHIP. (If we start to see engine failures at this RPM,

USA reserves the right to lower the chip settings)

USA retains the right to change MSD boxes with any car at any time without notice.

No crank triggers or devices inside car that allow adjustment of timing.

ELECTRONIC DEVICES

No electronic devices allowed on any car thereby enhancing adjustment of that car.
No remote control devices allowed on any car during any event.
Lap timers allowed during practice sessions only.
No electronic devices controlling shocks.

TRANSMISSION

In and out box is not permitted
Any transmission allowed. Must have working clutch and forward and reverse gear
Lightweight clutches for manual transmissions allowed

Drive shafts should be painted white with car number and is highly recommended!!! This is a safety issue!!!

Drive shaft loop is highly recommended. This is a safety issue to you and your fellow competitors.

Automatic transmission allowed
Air shifters not allowed.
Carbon fiber, aluminum or steel drive shafts permitted.

REAR ENDS

Any Standard Quick Change Rear End
No open type (sprint car) rear ends

Traction control not permitted

9" Ford rear end or similar type rear end permitted

BRAKES

All cars must have operational 4 wheel braking systems
Proportioning valve permitted
Carbon fiber, titanium or other exotic materials are not legal

WHEELS

Up to 14 inch wheels permitted

Steel or aluminum only
Bead locks permitted
Carbon fiber or titanium wheels are not legal.

TIRES

Tire: Hoosier D-55

Grooving or siping is allowed.

Tires will be checked by officials at any time. Must meet minimum requirements.

Top three finishers will be checked "hot" after main event on front straight.

Tires may be marked at discretion of the track. Re: paint marks or other means of identification.

Tires may be confiscated by Series at anytime (For checking numbers versus spec and also for other conditions). Tires will be returned to Competitor if found legal.

Competitor may be required to break down tire at Post Race tech for inspection.

Tires will be checked by various methods for treating.

FIREWALL

Must be approved firewall (approved by Series Official)

Suggested that edges of firewall be completely sealed with silicone or similar material.

Suggested that floor be reinforced for safety.

Note that sheet metal beside driver should be strongly reinforced or heavier gauge used in this location.

BODIES

Ford, GM or Dodge bodies may be used.

All body parts must be same as nose. (Ford, GM, Dodge)

Standard Dirt type bodies only.

No wedge bodies.

No wings or roof mounted spoilers.

No lips allowed on roof, sides or nose that may be utilized for spoiler purposes (at discretion of Official)

All upper and side panels must run parallel to chassis

Front fenders and hood must be level and flat from left side to right side of car and at least as far back as engine plate.

No part of fenders or hood may be below outside body line nor angle inward or outward.

A single strip of plastic material along the bottom of doors permitted.

No part of rear deck may extend past quarter panels.

Center of rear hub to end of quarter panel can not exceed 48 inches. Measured in a horizontal line.

Must have at least one twenty inch number on both doors and number thirty-two inch on roof pointed

towards scorers from back straight.

No part of body may "V in" from outside to middle of car or middle of that part

No wheel skirts

Door material including skirts. 32 inches maximum.

Rear Deck height measured from ground 37 inches maximum.

78 inches at the top of the doors maximum. Checked at firewall and behind drivers seat.

72 inches maximum rear width measured at spoiler
78 inches maximum rear body width measured 12 inches below spoiler
Maximum width of body measured at bottom of doors 82 inches. Measured in the center of doors.

ROOFS

Sheet metal, Fiberglass roof and or carbon fiber edges permitted
No odd shaped or partial tilted roofs.
Must be parallel to body
Must have roof supports and posts. No lips allowed. Support or posts maximum of 2 inch break for mounting purposes
Front window post 2 1/2 inches maximum per side including all bends.
No V shape of roof measured from outside to middle.
If roof has openings or quarter windows both must be either open or both sealed.
Minimum dimensions are 48 inches wide X 46 inches long. Maximum is 50 inches wide X 51 inches long.

Front or rear of roof must roll, not create a spoiler effect.
Both rear roof supports must be attached at the same point on both sides. Cannot be offset looking from side to side.

Rear roof supports maximum of 2 1/2 inch roll. (2 1/2 inch arch).
Window openings must be same as body. Re: Ford, Dodge, Chevy.

NOSE PIECES

Any extensions must be of flexible material. May not exceed 2" outside of front tires.
No V shape of side panels and or (elephant ears). Not to exceed 2" outside of front tires.
Must be mounted flat to top of fenders.
Maximum measured from center of front hub is 52 inches at furthest point
Nose must be same as body type.

INTERIOR

Interior body work may be dropped a maximum of 4 inches below the door.
Flat interior must maintain a minimum of 11 inches from roll cage to allow for easy exit in emergencies

SPOILERS

8 inch spoiler only
Adjustable spoiler permitted up and down only. Side to side not permitted. Spoiler may not be adjustable during the race.
Maximum measurement is 8 inches X 72 inches
2 piece spoiler allowed but must be bolted together at joint and attached to single blade at that joint
If bolted together both pieces must be exact same angle.
Measured total of all material including any turns including support brace.

Spoiler may not extend over side of car

Plexi glass not recommended

3 blades allowed. Rear of blade must be even with rear of deck (tolerance for piano hinge only).

Supports or blades maximum length of 18 inches where it attaches to the car.

Blade must taper from front of blade upwards to spoiler.

Blade must have a minimum of 2 ½ inches clearance between front of blade and rear of window post.

Blade at front edge must be a maximum height of 4 inches

If angle material is used to support rear of spoiler it must be mounted at least ½ inch below top edge of spoiler

ROLL CAGE

No aluminum or titanium cages permitted

All tubing must be a minimum of 1 1/2 inches and a minimum of .083 wall thickness

Three bars in driver's side mandatory, two bars in right side mandatory

Must have a minimum of 1 inch bar, .083 wall thickness in halo section running either front to rear or diagonal across.

DRIVERS COMPARTMENT/DRIVER SAFETY

Fire suit mandatory. One or two piece.

Racing shoes and gloves are mandatory

Seat of racing type design and bolted to frame not floor

Right side head rest mandatory, left side suggested

Hans or other type device not mandatory but strongly recommended

Quick release steering wheel mandatory

Batteries may not be located in driver's compartment.

Helmet with fire resistant interior

Full set of racing seat belts and mounted to frame and not floor mandatory. Oldest date acceptable 5 years prior.

FUEL CELL

Any size or type racing fuel cell permitted

Must be securely strapped with minimum of two steel straps.

Straps must be 2 inches wide x 1/8 inch thick.

Must be mounted inside fuel cell steel box

No part of fuel cell may be below bottom of rear housing.

No electric fuel pumps. (Mechanical fuel pump only).

Oxidizing agents are not allowed

FUEL

May be checked at events! No oxygen additives allowed.

Methanol not allowed.

CHASSIS

No part of frame may be aluminum or titanium.

All frames must be a minimum of 2 inches square or rectangular with minimum of .083 wall thickness

Round tube frames must be a minimum of 1 3/4 inches and a minimum wall thickness of .083.
4130 chrome moly only

Wheelbase minimum of 103.0 at any time

Wheel width from side to side is 88 inches maximum. Measured from outside to outside of rear tires.

Wheel spacers permitted

No canister shocks

All lead must be solid blocks. No lead shot permitted.

All lead strongly recommended to be painted white with car number on it. This is a safety issue!

All lead must be securely fastened with minimum of grade 5 bolts minimum of 3/8 inch.

All bolts must be doubled nutted or safety wired. Locking nut alone is not legal.

All "single bolt mount" clamps must have duct tape or pinned at bolt to keep lead from backing off.

25 lbs per bolt mount. One bolt 25 pounds, two bolts 50 pounds. No one piece over 50lbs.

Jig chassis allowed

Clip chassis allowed

No underbody shields allowed.

Engine setback 25 1/2 inches. Measured from center of ball joint to front of engine plate.

RADIOS

Radios ARE NOT legal.

MP,2/15/08