



Daugherty Speedway 2018

PRO LATE MODELS

General

Inspections may occur any time at the discretion of a race official. Rules are subject to change at any time at the discretion of the Race Director.

All Cars are required to have a working Raceceiver with one way communication only. Top 5 cars must scale! Any driver exiting the track without scaling will immediately be disqualified at the track officials discretion(based upon items teched that night).

Engine:

1. GM part number 88958602 and GM part number 88958604
 - a. Items that can be changed to service engine:
 - i. Valve key GM part #12495503
 - ii. Valve cap GM part #19171528
 - iii. Vale Spring GM part #12495494
2. Track reserves the right to request tear down and inspection of any engine at any time. All monies/awards will be held until completion of inspection.
3. Any seals that appear to be tampered with will be considered illegal until inspected at the cost of the team.
4. No Vacuum pumps.

Carb:

1. Any 4 barrel carburetor.
2. Engine must be naturally aspirated.
3. 604 may use one 1" spacer.
4. 602 may use one 2" spacer.

Distributor:

1. Any ignition with the exception of magnetos.
2. No crank trigger
3. No traction control devices.

Exhaust Rule:

1. Exhaust must exit and run parallel to ground.

Fuel:

1. Gas only – No Alcohol
2. Race Fuel and E85 allowed.
3. No oxygenated fuel or fuel additives. Track may take sample for testing.

Transmission:

1. Must have 1 forward and 1 reverse gear in working order.
2. Drive shafts must be painted white with car number on the shaft.

Weight:

1. 602 – 2000lbs
2. 604 – 2300lbs

Tires:

1. Hoosier LM-20, LM-40, LSB21, LSB55.

Wheels:

1. 14" max wheel width.
2. Plastic wheel covers and foam plugs only. If using steel/aluminum, they must be secured using bolts.

Engine Set back:

1. 6" set back from ball joint to 1st plug. 50lb penalty for each ½" over 6". Weight is applied in front of engine plate.

Shocks:

1. All shocks must be made of magnetic steel or aluminum.
2. All cars will have a maximum of 6 shocks. One additional type "wrap-up" or "90-10" style shock located directly above rear end center section is permitted.

Wheelbase:

1. Minimum 102" Maximum 105"

15.7 Body

15.7.1 – Overall Appearance

- A.) The car must display the car number of the front nose and the rear fuel cell. The minimum height for the number will be 6"-inches.
- B.) The car must have legible numbers on each side and on the roof a minimum of 18"-inches high,
- C.) The driver's last name must be placed in legible letters on both doors or the rocker panels and across the front of the roof in letters that are a minimum of 8"-inches in height.

15.7.2 - General Body

- A.) The nosepiece is not required to match the body style of the make and manufacturer of the car.
- B.) All cars must have a minimum half-inch (1/2") and a maximum of one (1) -inch radius at the top of fenders, doors and quarter panels. Sharp edge(s) will not be permitted.
- C.) The floor boards and firewall must completely cover the driver's area with no openings.
- D.) Fins and/or lips of any-type will not be permitted anywhere along the entire length of the car.
- E.) The body line must be a smooth even line from front to rear.
- F.) Wedge shape cars and/or body styles will not be permitted.

- G.) "Belly pans" or any type of enclosure on the bottom of the car will not be permitted. A maximum 1/8"-inch skid plate to protect the oil pan is permitted.
- H.) Wings and/or tunnels and/or any type of air deflection device will not be permitted underneath the body and/or chassis of the car.
- I.) A maximum of one (1) stone deflector, for rear mounted oil pumps, oil filters, and for the main oil tank will be permitted. The deflector may be made of steel, aluminum, or heavy gauge wire. The cover may only be mounted near the unit it is designed to protect with a maximum size of 18" x18" and only mounted from the upper right frame rail to the lower right frame rail.
- J.) Panels of any type under the rear deck running from the front to the rear of the car will not be permitted.
- K.) Bodies that are non-approved will be assessed a fifty pound weight penalty.3.) Any style air cleaner scoop used must be positioned in front of/or around the air cleaner and must not exceed 1"-inch in height above any part of the air cleaner. Any type of flange and/or air deflection device and/or fin that is designed to direct airflow will not be permitted.
- M.) Cockpit adjustable components with the exception of brake bias adjusters will not be permitted. Adjusters of any-type, including but not limited to adjustable shocks, hydraulic or pneumatic weight jacks, trackers, ignition boxes or similar adjustable components will not be permitted inside the cockpit of the car or within reach of the seated driver.

15.7.2 - Stock Nosepiece

- A.) Only approved stock nosepieces may be used. A list of approved manufactures and part numbers for competition in World of Outlaw Late Model and DIRTcar competition follows:
- 1.) Dominator – The Official Nose of DIRTcar
 - 2.) MD3 – Performance Bodies
 - 3.) ARP
 - 4.) Five-Star MD3 type
- B.) All nosepieces must be made of molded type material.
- C.) Two piece noses must be positively fastened together in the center. Spacers added to gain width will not be permitted.
- D.) The nosepiece must be mounted in a manner that does not alter its original shape.
- E.) The nose shall remain flat above the nose lip/wicker bill. Alterations and/or additions may be made to this area other than cooling holes will not be permitted.
- F.) The nosepiece can extend a maximum of fifty-two inches (52") from the center of the front hub to the farthest point extending forward.
- G.) The nosepiece must display a headlight decal package. A one-race grace period, running contrasting color tape in the shape of a headlight will be permitted.

15.7.3 - Roof

- A.) The roof length from front-to-back must be a minimum of 44"-inches with a maximum of 54" inches.
- B.) The roof width from side-to-side must be a minimum of 48"-inches to a maximum of 52"-inches.
- C.) The must be stock appearing and be mounted level.
- D.) The minimum height of the roof will be 45"-inches with a maximum height of 48"-inches.
- E.) The roof must be mounted parallel to the body and near the center of the car as viewed from the front of the car.
- F.) A maximum 1-1/2" roll, turned downward will be permitted along the front of edge of the roof. A maximum 1"-inch roll, turned downward, will be permitted along the rear edge of the roof. These modifications will be permitted to improve the strength of the roof. Any other modifications to the roof will not be permitted.
- G.) Flat and/or odd shaped roofs will not be permitted. Bellied and hollowed roofs will not be permitted. 4.3.8.
Any sun/antiglare shields may not exceed a 4" drop from the top roof line, and must hinge for easy exiting.
- H.) A maximum of two (2) roof edge bead rolls of a maximum height of 1/2"-inch the length of the roof will be permitted.
- I.) The roof posts and spoiler support(s) may not overlap.
- J.) Only single plated roofs will be permitted.
- H.) The maximum thickness of the roof at any point will be 1/2"-inch.
- I.) The roll cage and associated frame members above the interior panels (decking) must remain open.
Enclosures will not be permitted.

15.7.4 Roof Supports and Window Side Panels

- A.) All roof side panels must extend to the edge of the body.
- B.) The roof side panel window size must be a minimum of 10"-inches x 15"-inches and must match drawing number -2- side view.4C.) The side window area may be covered with clear Lexan and/or equivalent type material, be cut out and/or represented by a decal. Both roof support opening must be covered and/or both must be left open.
- D.) The left and right side window panels must match.
- E.) A maximum bow of 2"-inches outward on the window side panels as viewed from behind will be permitted.
- F.) The front roof supports up to 2"-inches in width must extend forward to the rear of the hood.

15.7.5 Front Fenders, Fender Flares and Hood

- A.) The hood and the front fenders must be level and flat from the left to the right side of the car.
- B.) The line from the front to the rear heights must slope up.
- C.) The outside edges of the hood and/or the fender must remain inside the overall bodyline.

D.) The front fender may be a maximum of 37"-inches in height, measured vertically from the ground to the top of the fender behind the front tires.

E.) The front fender flares must be made of plastic and must not alter the original shape of the nose piece.

F.) The front fender flares must not extend beyond the front tires more than 1"-inch per side to a maximum

width, edge-to-edge, of 90"-inches in width with the wheels pointed straight.

G.) The front fender flares must be flat across the entire width of the car.

H.) The front fender flares must have collapsible supports.

15.7.6 Doors

A.) The door-to-door measurement must not exceed 76"-inches in width at the top of the doors.

B.) The door-to-door measurement must not exceed 82"-inches in width when measured at the bottom of the

doors in the center of the car.

C.) The doors must not exceed 37"-inches in height when measured from the ground to the top of the door.

D.) The door sides may not break inward from the top 76"-inches and bottom 82"-inch measurements. Hollow

and/or belled doors will not be permitted.

E.) The minimum ground clearance will be 3"-inches.

15.7.7 Quarter Panels

A.) The maximum distance from the center of the rear hub to the top quarter of the panel is 53"-inches.

B.) The quarter panels must not exceed 76"-inches in width at any point as measured at the top of the

panels.

C.) The rear deck must taper in a symmetrical manner from the center of the rear hub to the rear spoiler with

a minimum height of 72"-inches and a maximum height of 76"-inches.

D.) The maximum width for the quarter panels measured from outside-to-outside measured 19"-inches from

the ground and/or at the bottom of the quarter panel will be 86"-inches.

E.) Any breaks and/or bends formed in the sides of the quarter panel that move the panel toward the center

of the car will not be permitted. Hollow and/or bellied panels will not be permitted.

F.) The maximum distance from the center of the rear hub to the rear trailing edge of the quarter panel will

be 48"-inches.

G.) The maximum height from the ground to the top of the rear deck at the top of the rear quarter panel is

38"-inches.

H.) A minimum of 2"-inches of tire clearance between the tire and the body will be required.

I.) Skirting that extends behind the rear quarter panel will not be permitted.

15.7.8 Spoilers and Spoiler Braces/Supports

A.) Only aluminum and/or Lexan and/or Lexan-type rear spoilers will be permitted.) The maximum overall height of the rear spoiler will be 8"-inches. The maximum width of the rear spoiler,

including braces and/or supports is 72"-inches.

C.) The rear spoiler must begin at the deck and extend 8"-inches from that point.

Suspending the spoiler to create a wing-type device will not be permitted.

D.) The rear spoiler must begin at the rear most point of the quarter panels.

E.) Only three spoiler braces/supports will be permitted. The front edge of the spoiler brace/support must be in line with the spoiler.

F.) The outside spoiler supports must not be mounted any-wider than the top of the quarter panel(s) and must be centered on the rear deck.

G.) In the event that aluminum angle is used to brace the upper edge of the spoiler, the angle must not add to the height and/or length of the spoiler in any way.

15.7.9 Interior

A.) The interior of the cockpit must be a minimum of 11"-inches below the top of the roof and/or roll cage, measured perpendicular to the ground from the bottom of the roof to the cockpit deck.

Roof rolls are not part of the measurement.

B.) The side window opening(s) must be 15"-inches from the top of the door to the bottom of the roof.

C.) Supports bars that block the right window from the driver exiting the cockpit will not be permitted.

D.) A single rock guard (Lexan screen) tapered back from the steering wheel to the height of 1"-inch in line with the driver's chest providing the 11"-inch minimum clearance is met at any point from the roll cage to the body and/or rock guard.

F.) If the interior deck drops the drop must begin at the rear of the engine plate with a maximum of 4"-inches and must not drop below 4"-inches rear of the hood. The start of the dropped interior must remain closed as a part of the fire wall. The entire width must be closed off with sheet metal.

G.) The interior must gradually taper up to the quarter panel height and must be level for a minimum of 20" inches from the rear of the quarter panel and deck.

15.7.10 Driver Compartment

A.) A full metal firewall fabricated from magnetic steel and/or aluminum must encompass the driver's compartment from front-to-rear, on both sides and floor boards. The firewall must be completely enclosed.

B.) The driver's seat must be a high back aluminum seat, designed specifically for racing, located on the left side of the car and mounted per the manufacturer's instructions securely to the frame.

C.) The seat design should be one from a current manufacturer and/or recommended to include the full containment design. Installation of the full containment seat should follow the manufacturer's instructions.

D.) All cars must be equipped with a quick-release type steering wheel.

E.) The driver compartment must have a starting switch and/or button within reach of the driver.

F.) A clearly labeled electrical on/off 'kill' switch must be within reach of the driver.

F.) Mirrors of any-type will not be permitted.

G.) Radios and/or electronic and/or data communication devices will not be permitted.

H.) Any edge and/or sheet metal end in and around the driver compartment must be protected with trim and/or

beading and rounded. Sharp and protruding edges will not be permitted.

I.) A substantial rock guard with a minimum of three (3) additional roll bars must be mounted in front of the

driver. The rock guard must be made from wire screen. Windshield screens must be a minimum of .090-inches

and must be securely fastened.

J.) A fully charged fire suppression system with SFI 167.1 specifications with an activation push and/or pull knob

within reach of the driver is required.

K.) All claims must be in CASH.

• YOU MUST COMPLETE 50% OF THE GREEN FLAG LAPS IN YOUR FEATURE TO RECEIVE YOUR START MONEY FOR THAT EVENT.

• YOU MUST MAKE ONE GREEN FLAG LAP IN YOUR CONSI TO RECEIVE TOW MONEY

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