

# 2018 SUPER LATE MODEL

## SUPER LATE MODEL

*Double file re-starts for the 2018 season*

*RaceCeiver Required, NO other radios or communication equipment or mirrors allowed at any time.*

*Fort Payne Motor Speedway Super Late Model Class has Four Engines for 2018*

*(A) Engine All Aluminum 2400 lbs 8" Spoiler*

*1. All Aluminum CT525 GM Racing Engines 2400 lbs 8" Spoiler*

*(B) Spec Engine 2300 lbs 12" Spoiler Must have Spec Heads and Intake*

*1. 604 Crate Engine 2300 lbs 12" Spoiler Must have required GM Bolts or approved seals and Specs*

*(C) Engine All Steel 362 cu in. with after market steel heads. pack aluminum head permitted. (D) LS5.3L Fuel injected coil pack aluminum head permitted. (E) Ford 5.4 fuel injected coil pack aluminum head 2300 lbs 12" spoiler*

*(F) Any engine with steel heads other than 23 degree heads will be considered an Open Motor 2400 lbs 12" Spoiler*

*ENGINE (C) RULES: All Steel 362 Cubic Inch Max 23 Degree Heads 2250 lbs 12" SPOILER*

**TOTAL LIMIT AMOUNT WEIGHT BREAK FOR ALL SAFETY AND EXHAUST IS 50 LBS MAX**

**Full Containment Seat 25lb Weight Break**

**Plumbed Extinguisher System 25lb Weight Break**

*A. OEM Cast iron V-8 block only.*

*B. Maximum cylinder bore size, Chevrolet 4.060, Ford 4.060, Chrysler 4.060.*

*C. After-market steel splayed main caps permitted.*

*D. Main cap studs and straps permitted.*

- E. Demurring block and plugging deck to strengthen block permitted.*
- F. Plug or vent and screen oil drain holes in lifter valley permitted.*
- G. May surface block.*
- H. Lifter bore must be OEM diameter for engine. Chevrolet .840, Ford .875, Chrysler .901.*
- I. All engines 362 Cubic Inch Maximum.*
- J. Must add 50lb for Roller cam*

**CRANK:**

- A. Any steel crank with the exception of (titanium or other Exotic materials.)*
- B. 362 Cubic Inch Maximum.*

**RODS:**

- A. Steel rods only.*
- B. NO titanium or aluminum rods.*

**PISTONS:**

- A. Any flat top pistons and pins.*

**CAM:**

- A. Solid lift cam*
- B. Roller Cam*

**LIFTERS:**

- A. Solid lifters or roller lifters only.*
- B. Lifter retaining tray permitted.*
- D. Lifter must be OEM diameter for engine. Chevrolet .840, Ford .875, Chrysler .901*

## **HEADS:**

- A. Chevrolet any 23 degree cast iron heads with the exception of the Pro Action/Pro Top Line/Racing Head Service (RHS) heads. The Pro Action/Pro Top Line/Racing Head Service (RHS) heads may be used; you must add 100 lbs additional weight. Spark plug location must be the same as the Bow Tie and Dart heads.**
- B. Ford SVO Sportsman cast iron heads M-6049-E351 and M-6049-N352, GT-40-P, World Products Windsor Sr. heads. Ford Pro Action/Pro Top Line/Racing Head Service (RHS) heads may be used you must add 100 lbs additional weight.**
- C. Chrysler cast iron W-2.**
- D. All heads must remain AS-CAST.**
- E. NO cc limit.**
- F. Valve angle and spacing must remain original production specs. For heads being used.**
- G. Steel valves only. (NO titanium valves)**
- H. Valve size maximum for (A) engine, Intake - 2.055, Exhaust - 1.600.**
- I. Valve stem diameter 11/32 minimum for all engines.**
- J. Under cut stems permitted, any type guides.**
- K. Any valve springs, retainers and keepers.**
- L. Guide plates, screw in studs and stud girdles permitted.**
- M. Roller rocker arms, stud or shaft mount permitted.**
- N. NO porting or polishing all heads must remain AS-CAST.**
- O. NO Shot Peen porting heads.**
- P. NO port matching intake or exhaust runners.**
- Q. Racing valve job permitted Machine cuts only.**
- R. NO blending valve job to casting.**
- S. NO deburring intake or exhaust runners.**

## **INTAKE:**

- A. Any single four-barrel intake permitted.**

- B. May port and polish.*
- C. Any size carburetor spacer permitted.*

***CARBURETOR:***

- A. One four-barrel carburetor only of any manufacture.*
- B. NO turbo-chargers, blowers or fuel injections.*
- C. All engines must be naturally aspirated.*

***OIL SYSTEM:***

- A. Wet sump systems, internal or external pumps permitted.*
- B. Dry Sump Oil Systems permitted must add an additional 25 lbs. in front of rear motor plate.*

***WATER PUMP:***

- A. No electric water pump.*

***FUEL PUMP:***

- A. NO electric fuel pump.*

***DISTRIBUTOR:***

- A. Any ignition with the exception of magnetos (NO magnetos.)*
- B. There is a \$400.00 claim rule on all ignition boxes.*
- C. (See Claim Rule Section for more info.)*

***TIMING CHAIN:***

- A. Any chain and gears, NO gear or belt drives.*

***WATER PUMP:***

- A. Cast or aluminum permitted.***
- B. NO electric water pump.***

***OIL SYSTEM:***

- A. Wet sump systems, internal or external pumps permitted.***
- B. Dry Sump Oil Systems permitted***

***FUEL PUMP:***

- A. NO electric pump.***

***DISTRIBUTOR:***

- A. Any ignition with the exception of magnetos (NO magnetos.)***
- B. There is a \$400.00 claim rule on all ignition boxes.***

***CARBURETOR:***

- A. One four-barrel carburetor only of any manufacture.***
- B. NO turbo-chargers, blowers or fuel injections.***
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***INTAKE:***

- A. Any single four-barrel intake permitted.***
- B. May port and polish.***
- C. Any size carburetor spacer permitted***

***ENGINE SETBACK:***

**A. Engine setback will be 6" inches from center of top ball joint to the most forward spark plug. 1 inch tolerance on engine setback.**

**B. Engines may be crossed from one manufacturer's line to another Example: Chevrolet in a Ford, Pontiac, etc.**

**FRAME:**

**A. All frames must be of steel construction.**

**B. Square or rectangular frame must have a minimum of 2" by 2" material, .083-wall thickness.**

**C. If round tube frame, tubing must have a minimum of 1-3/4" outside diameter, .083 wall thickness.**

**WHEEL BASE:**

**A. Minimum wheelbase will be 103" inches.**

**ROLL CAGE:**

**A. All cars must have a suitable steel roll cage protecting the driver's compartment, including headrest.**

**B. Side roll bars are mandatory, and must extend into the door panels. A minimum of three (3) bars must be used on the left side.**

**C. Each bar must be at least 1- 1/2" in diameter, with a minimum material thickness .083".**

**D. Roll cages must be welded to frame.**

**BODY:**

**A. Same as Super Late Model specs.**

**B. NO mirrors, radios or communication equipment allowed in car at any time.**

**SAFETY:**

**A. All cars must have 3" inch seat belts with shoulder harness and must be attached to roll cage.**

**B. We strongly recommend that all cars have an approved fire extinguisher system, securely mounted, within easy reach of the driver.**

- C. A 5 lb. Halon System is recommended.*
- D. All drivers must wear a complete fire suit.*

**NUMBER:**

- A. Number must be at least 18" inches high and on both sides and top of car.*
- B. All cars must have a number.*

**EXHAUST/MUFFLERS:**

**MUFFLERS 25 LBS WEIGHT BRAKE**

- A. Dirt Pro Muffler or Borla Muffler .*
- B. NO modifications and/or alterations to mufflers will be allowed.*
- C. Collector type headers required.*
- D. All cars must register under 100 decibels.*
- E. NO deliberate air leaks, vents, holes, etc.*
- F. Any car that loses a muffler will automatically be disqualified.*

**BRAKES:**

- A. Four-wheel disc brakes permitted.*
- B. NO carbon fiber brake parts permitted.*

**FUEL CELL / FUEL:**

- A. An approved fuel cell (32 gallon maximum) must be securely mounted in the trunk area of the car, inside a .20 gauge metal box supported by a minimum of two 2" inch by 1/8" inch steel straps.*
- B. All fuel cells must be completely visible from rear of car.*
- C. Fuel cell must not be mounted lower than bottom of quick-change rear end.*
- D. Gas and E85 Flex Fuel, - NO alcohol - NO nitrous oxide, nitro methane or other nitrate additives.*

- E. NO propylene oxide.*
- F. Gas must not check above + 5 or - 5 on electronic fuel checker when calibrated with tracks racing gas.*
- G. Gas must pass acid test.*

**TRANSMISSION:**

- A. Must have at least one forward and one reverse gear in working order.*
- B. NO straight drives or in and out boxes.*

**WHEELS:**

- A. Any brand or type of wheel allowed must be mounted with lug nuts.*
- B. NO knock-off or center locks wheels.*
- C. Maximum wheel width - 14" inches.*

**TIRES:**

- A. Hoosier SPEC .21-SPEC.55-CRATE .21 –CRATE .55 and Hoosier 1350/1600*

*1450 Right Rear Only option.*

*American Racer MD 48, MD , MD 56.Goodyear G40.*

*53 Right Rear Only option.*

- B. Tires must have all numbers and name on the tire No grinding off of numbers or names, any tire that has been altered will be illegal.*

- A. Track reserves the right to adjust weights in interest of competition should it deem necessary.*
- B. Attached weight must be securely bolted to frame with ½" or larger bolts and painted white or silver with car number clearly painted on them.*
- C. All cars must have specified weight posted on top of roof.*



## ***SUPER-LIMITED LATE MODEL PROTEST FEES***

|                        |  |
|------------------------|--|
| <b><i>\$400.00</i></b> | <b><i>One Head (NO valves will be pulled)</i></b>            |
| <b><i>\$300.00</i></b> | <b><i>Oil Pan</i></b>  |
| <b><i>\$500.00</i></b> | <b><i>One Head (Crate Engine) Valves will be pulled.</i></b> |
| <b><i>\$400.00</i></b> | <b><i>Oil Pan (Crate Engine)</i></b>                         |
| <b><i>\$100.00</i></b> | <b><i>Engine Setback (1 inch tolerance)</i></b>              |
| <b><i>\$100.00</i></b> | <b><i>Gas</i></b>  |
| <b><i>\$100.00</i></b> | <b><i>Each Muffler</i></b>                                   |

***NOTE: The 8 rule - We will allow .008 thousandths on the bore, stroke and valve size.***

***Any item not listed in protest fees is considered a visual protest item and must be protested before race and not after.***

***Any crate engine protested must be reassembled and resealed by one of the Authorized Repair/Rebuild Centers.***

## ***PENALTIES FOR CRATE ENGINE INFRACTION***

### ***1<sup>ST</sup> Infraction***

***Disqualification of race, = 0 points, \$0.00 in prize money won during the race, 30-day suspension from Fort Payne Motor Speedway and a \$300.00 fine.***

***The \$300.00 fine must be paid before you can return to competition.***

### ***2<sup>nd</sup> Infraction***

***Disqualification of race, = 0 points, \$0.00 in prize money won during the race and suspension from Fort Payne Motor Speedway for the remainder of the current season.***

***For questions contact Fort Payne Motor Speedway at:***

***(256) 623-RACE 7223***

***Or Tim (256) 398-6847, Marvin (706) 346-3385***

***Track reserves the right to delete, change, or amend rules in the interest of competition***

***2018 FORT PAYNE MOTOR SPEEDWAY ALL RIGHTS RESERVED.***