

# **Bear Ridge Speedway 2024 DIRTcar Sanctioned Sportsman Modifieds**

**REFER TO TRACK GENERAL RULES FOR NON-DIVISION SPECIFIC RULES**

**ALL DIRTCAR RULES APPLY**

## **BODIES**

- ⌘ Must be at least as wide as the frame. Fiberglass roofs allowed. Side window openings must be left open. Tech must approve all bodies.
- ⌘ At least the top part of the hood is compulsory and must cover the full top of the radiator; overflow pipes must run to the bottom of radiator and below engine and must be clipped in place or optional will have over-flow tanks with an efficient and safe fastener.
- ⌘ Side rails are mandatory. Side rails not to exceed two (2) inches wider than tires and must be rounded back to frame. Must be approved by tech man.
- ⌘ Front bumpers will be outward not more than 10" (ten) from the tires and will have no upward slant. Front crash bar will not be over (6) six inches wider than the frame on either side.
- ⌘ Rear bumpers shall not exceed width of rear wheels. Bottom of rear and front bumpers shall have 6" (6) height all the length and be made of steel tubing.
- ⌘ There will be a complete firewall between the engine and the driver.
- ⌘ A complete metal firewall from side to side and floor to bottom of rear window between fuel tank and driver.

## **CHASSIS**

- ⌘ All cars must be braced with no less than four (4) upright pieces from the frame, cross-braced at the top and braced back to the frame as nearly over the driver as possible. All square corners to be gusseted. Bracing to be 1 3/4" O.D., on any car built after 2002 (1 1/2" may be used if professionally built) with .090-thickness wall – with hole drilled so officials can check it.

## **ENGINES**

- ⌘ **GM CRATE ENGINE** part # 88958602 (Note this is the same engine the D.I.R.T. sportsmen are using). Engine must remain OEM factory stock and seals in place.
- ⌘ Any crate engine without original GM seals or DIRTcar seals may be subject to weight penalty.

## **FUEL/CARBURETOR**

- ⌘ VP Racing Fuel D98 or Pump Gasoline Only.
- ⌘ Crate engine carburetor allowed Holley Part # 80541-1 or 80541-2.
- ⌘ The use of Holley part # 4777 D.I.R.T. Legal Sportsman Crate Engine Carburetor is allowed. You are only allowed to change the power valve, accelerator pump cams, accelerator pump nozzles, and the jetting and the float levels. No other modifications allowed. Maximum 1" thick carburetor spacer plate with 3/16" maximum thickness intake gasket allowed. No Super Suckers! OEM Factory stock valve springs only. Valve springs will be spot checked. Option #2

## **TRANSMISSIONS**

- ⌘ Bert transmissions allowed or any 3 speed with quartermaster clutch.
- ⌘ Car must be able to shift gears while running into both forward and reverse.

## **EXHAUST HEADERS AND MUFFLERS**

- ⌘ Muffler and exhaust systems are required.
- ⌘ Headers must be regular "Budget" low dollar type headers. Primary pipes must remain 1 5/8" diameter from flange to collector. Maximum header flange or adapter flange thickness is 3/8". No coated ceramic or exotic type headers allowed. The use of D.I.R.T approved Schonefield part # 1122BCM is recommended.
- ⌘ All cars must meet 95 decibel noise reading. Reading shall be taken at speedway property line.

## **STARTERS**

- ⌘ All cars must have working starters and batteries that are fully charged so that car starts on its own power.
- ⌘ Dry cell batteries allowed and strongly suggested for driver safety.

- ⌘ Cars that spin out and cannot start under their own power will receive one push start per race night. The second time that a car delays the racing program it will be black flagged for the rest of the night.

## CHASSIS

- ⌘ THERE IS NO AGE RESTRICTION ON CHASSIS FOR SPORTSMAN MODS.
- ⌘ Brake bias adjusters allowed.
- ⌘ Adjustable pan hard bars allowed
- ⌘ No in cab mechanical adjustments may be made to any suspension parts ⌘  
Exception – Brake bias and Pan hard bar.

## SHOCKS

- ⌘ **Claimer rule: Any shock may be bought for \$200.00.** All shock claims will be made in writing. Shock claiming procedure will be the same as a mechanical protest. BRS management will have the right to claim shocks. BRS also reserves the right to have claimed shocks removed at any time during the race meet if BRS management feels the spirit of the rules has been violated.

**IF YOU DO NOT HAVE A MUFFLER, YOU WILL NOT BE ALLOWED TO RACE.**

## FUEL CELLS

- ⌘ Must be in the rear compartment behind the driver. No fuel cell under the hood or in the engine compartment

## TIRES

- ⌘ Bear Ridge Speedway DIRTcar Hoosier Tires
- ⌘ Tires must be DIRTcar stamped
- ⌘ Tires are available at the track

## TRANSMISSION

Any style transmission other than quick-change allowed.

## Rear Ends

- ⌘ 3/4 ton or quick change allowed
- ⌘ NO V8 Midget allowed

## WEIGHT

- ⌘ Crate Motor: Minimum 2400 lbs at any time with driver.
- ⌘ Any crate engine without original GM seals or DIRTcar seals may be subject to weight penalty
- ⌘ Weight can be adjusted if needed per management at any time.
- ⌘ Torque arm must be chained
- ⌘ Must have cover over drive shaft. (To be approved by tech)
- ⌘ No wings or sail panels allowed.

## WHEELS

- ⌘ Steel or aluminum wheels allowed.
- ⌘ NO CARBON FIBER ALLOWED.

**AT ANYTIME IN FAIRNESS TO COMPETITORS WEIGHT MAY BE ADDED, SOFT TOUCH REV CONTROL LIMITED BOXES AND/OR RESTRICTOR PLATE USAGE REQUIRED.**

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