

Bear Ridge Speedway 2024 Sportsman Coupes

REFER TO TRACK GENERAL RULES FOR NON-DIVISION SPECIFIC RULES

BODIES

- ⌘ 1932-1948 Coupe or Sedan type only.
- ⌘ Bodies from rear window back must look stock appearing.
 - Measurements: Doors: min. 36" from center line of front axle to leading edge of door.
- ⌘ Hood: no Ram air Induction NO openings in hood.
 - o Rear quarters: NO modified rear quarters allowed. **TECH MUST APPROVE.**
- ⌘ Side rails mandatory. MUST NOT extend more than 2" wider than tires & must be rounded back to frame. Must be approved by tech.
- ⌘ Front bumpers will be outward not more than 14" from the tires and will have no upward slant. Front crash bar will not be over 6" wider than frame on either side.
- ⌘ Rear bumpers shall not exceed width of rear wheels. Bottom of rear and front bumpers to be no higher than 18" from the ground. Rear and front bumpers shall have a 6" height all the length and be made of steel tubing.

CARBURETORS

- ⌘ Any stock two (2) barrel carburetor allowed. **NO HIGH PERFORMANCE OR ALUMINUM CARBURATORS ALLOWED**
- ⌘ Holley 4412 carburetor only with **no modifications allowed.**
- ⌘ Choke horn must remain intact and stock height.
- ⌘ 1" maximum carburetor spacer allowed maximum.
- ⌘ Choke plate and linkage may be removed.
- ⌘ Two throttle springs required, one facing forward, one backward.
- ⌘ Any air cleaner allowed with any top.
- ⌘ **NO TURTLES or any AIR DEFLECTING DEVICES ALLOWED.**

COOLING SYSTEMS

- ⌘ Any cast iron water pump may be used, **NO aluminum pumps** allowed.
- ⌘ Any radiator.
- ⌘ Radiator must stand upright in front of engine.
- ⌘ Any fan may be used.
- ⌘ Aftermarket pulleys allowed.

ENGINES (CRATE)

- ⌘ 602 Chevy Crate contact C.V. Elms 603/443-0640
 - o Only GM Sealed motors will be considered "stock" crate motors.
 - o Others may require weight penalties.
 - o **MUST CALL C.V ELMS FOR APPROVAL OF ALL OTHER MOTORS BEFORE RUNNING AT THE TRACK.**

ENGINE SET BACK

- ⌘ Maximum engine setback allowed is 50 inches measured from back of motor to the centerline of the front axle on the right side.
- ⌘ All engines must be centered in the frame.

EXHAUST SYSTEMS

MUFFLERS MANDATORY!! IF YOU DO NOT HAVE A MUFFLER, YOU WILL NOT BE ALLOWED TO RACE.

- ⌘ Headers allowed, must have mufflers.
- ⌘ 3" collector, Boria Supertrapp w/cap, Dynomax Bullet, Lobak, must be approved.
- ⌘ **1"5/8 straight thru header ONLY**

- ⌘ **NO Tri-Y or Step Headers.**
- ⌘ **Muffler 8” minimum 95 decimal MAX**

FRONT ENDS

- ⌘ Solid front axle ONLY.
- ⌘ Coil over shocks allowed on front end only.
- ⌘ No cockpit or onboard adjustments allowed.

IGNITION SYSTEMS

- ⌘ Any stock H.E.I. distributor – black cap white rotor. Rotor must turn 20°, or points ignition system allowed.
- ⌘ No mags.
- ⌘ No M.S.D’s.

INTAKES

- ⌘ Stock 602 Crate Motor Intakes ONLY
- ⌘ 1” maximum height adapter plate between carburetor and intake manifold. Must have open hole with no tapers.
 - NO SUPER SUCKERS UNDER CARBURETOR
- ⌘ No porting, polishing, grinding, sandblasting or acid porting

OIL SYSTEMS

- ⌘ After market oil pans allowed.
- ⌘ After market valve covers allowed.
- ⌘ No pressurized oil canister allowed (accu-sumps.)
- ⌘ Remote oil filters allowed.
- ⌘ Oil coolers allowed, under hood only.
- ⌘ No external oil pumps.

REAR END

- ⌘ Any full floating or quick-change rear end allowed.
- ⌘ Maximum offset measured from the center of the rear end center section to the inside of the right rear wheel and from the center of the rear end center section to the inside of the left rear wheel will be no more than 2”. There will be a 1/8 of an inch tolerance MAXIMUM allowed due to bent wheels or the variation in wheel offset.
- ⌘ Rear end must be centered between frame rails.
- ⌘ Rear Panhard bar allowed
- ⌘ Aluminum tubes allowed in rear
 - MUST USE 8 BOLT SPINDLES
 - NO LARGE BEARING TUBES
 - NO ALUMINUM SPINDLES ALLOWED IN REAR AXLE.
 - NO TITANIUM AXLES ALLOWED.
 - NO SMART TUBES ALLOWED.
- ⌘ Aftermarket brake calipers allowed.
- ⌘ No birdcages.
- ⌘ No torque arms or third links allowed.
- ⌘ No coil overs of torsion bars allowed.
- ⌘ Brake floaters are not allowed.
- ⌘ Rear sway bars allowed.
- ⌘ Leaf springs must be used as rear suspension, multi-leaf or mono-leaf steel springs only. No fiberglass or composite springs allowed.
- ⌘ Jack bolts allowed on rear springs.

Shock Absorbers

- A. *Only the DIRTcar approved -A-B-C type shock absorbers will be permitted to compete.*
- B. Approved Shock Absorbers: All shock absorbers for the DIRTcar Sportsman Modifieds, DIRTcar Pro Stock, DIRTcar Pro Late Model, DIRTcar UMP Sportsman and DIRTcar UMP Stock Car division must

be approved and display an approved designation decal. There will be three types of approved designations, 'A', 'B' and 'C'.

!!!STEEL BODY ONLY!!!

Approved 'A' -type Shock Absorbers:

DIRTcar Sportsman Modified DIRTcar Pro Stock
DIRTcar Pro Late Model
DIRTcar UMP Sportsman
DIRTcar UMP Stock Car

Pro Shocks - WB and SS Series
Bilstein - AK and SG/SM Series
AFCO-1020-1034 Series
AFCO - 1273-1295 Series
AFCO - 1473-1497 Series
Integra 421 Series

Approved 'B'-type Shock Absorbers:

DIRTcar Sportsman Modified
DIRTcar Pro Late Model
DIRTcar Pro Stock

Pro Shocks TA Series
Bilstein - SLISZ Series
Bilstein - SLS Series
AFCO - 1000 Series
AFCO - 19 Series
AFCO - 24 Series
AFCO - 74 Series
FOX- 983-97-507
FOX- 983-97-509

Approved 'C'-type Shock Absorbers:

DIRTcar Sportsman Modified
DIRTcar Pro Late Model

Pro Shocks - PG Series
Bilstein - SLISZ Series Bilstein - SNS Series AFCO
- 1300 Series AFCO - 2100 Series
Genesis - GD Series (steel body) Integra - 310-
45170 or 310-45190
Advance (ARS) - PIN ARS 2074
Advance (ARS)- P/N ARS 2092
FOX – 983-91-507
FOX – 983-91-509

Shock Absorbers must be submitted to World Racing Group for competition approval prior to the application of the shock absorber designation decal.

TIRES

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

FUEL

- ☞ **Pump gas or track DIRTcar designated racing fuel allowed**
- ☞ Fuel Cell must have foam and flapper under cover

TRANSMISSION

- ☞ Three-(3)-speed standard automotive transmission.
- ☞ Automatics, must have working converter.
- ☞ **BERT OR AFTERMARKET TRANSMISSIONS ALLOWED.**

WEIGHT

- ☞ Crate Motor 2500 with driver
- ☞ Non Crate Motor 2600 with driver
- ☞ Tampered seal Crate Motors 2600 with driver.

WHEELS

- ☞ Steel or aluminum wheels. No wider than 14" measured from the inside of the bead to the inside of the bead lock ring.

WHEEL BASE

- ☞ Minimum wheelbase 102 in.
- ☞ Maximum wheelbase 110 in.

At any time in fairness to competitor's weight may be added or restrictor plate usage required. Discretion of Track Official(s)

INTERPRETATION OF RULES BY AN OFFICIAL IS FINAL. THE MANAGEMENT RESERVES THE RIGHT TO CHANGE ANY RULE OR RULES IF THEY FEEL IT IS NECESSARY AND REFUSE ANY PROTEST IF THEY FEEL IT IS UNNECESSARY AND BEING USED FOR HARASSING REASONS. ALL FINES AND/OR SUSPENSIONS WILL BE IN EFFECT AT ALL BEAR RIDGE SPEEDWAY EVENTS. THE INTERPRETATION AND INVOKING OF THE RULES PUBLISHED HERIN SHALL BE DETERMINED BY BEAR RIDGE SPEEDWAY OFFICIALS ONLY IN THEIR PROFESSIONAL DISCRETION.

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