

Sportsman Modifieds

NEW 2009 Rules

Mission Statement

This will be an open wheeled modified division that integrates several types of modified race cars that will compete in a unique budget controlled atmosphere that will promote sportsmanship and respect while putting on a great show. Along with the cost controls will come a unique handicap system, as no points will be awarded for the events in 2008.

All cars must pass safety and tech guidelines put forth at Canaan Fair Speedway before competing in any event.

Sportsman Type Cars

Bodies represented must be similar to Nascar type Modifieds and meet the spirit and intent of competitive modified racing and be approved by Canaan Tech officials

Sportsman type car weight requirements 2600lbs total and 56% maximum left side

Tread width 84" maximum

Shocks may not have external canister

Spoiler height: maximum 8" tall clear spoiler. Maximum height from Canaan Tech Shed floor with driver in car 44" after the feature.

Ride heights: 2" minimum with driver before the feature.

Engine rules:

Engines: Block: stock, maximum .045 overbore

OEM stock production crankshaft or Scat replacement cast steel 9000 series crankshaft allowed, part numbers 9-10526 or 9-10442. Normal balancing allowed. No grinding, lightening, stroking or machining other than what is listed below will be allowed. The journals may be polished. Crankshaft must be correct dimension and weight for block used. The crankshaft journals will be no more than 0.030 undersize. 348 GM stroke. No knife edging or lightening permitted.

OEM stock rods for block used or after market sportsman I beam magnetic steel rod
Stock length, 5.7" for Chevy.

Camshaft: hydraulic or solid lifter cam only with maximum valve lift of .460 as measured at the valve. No roller types permitted.

Pistons: Flat top pistons only.

Oil pan: racing type pans allowed.

G.M. Crate #88958603 or 602 is allowed under this option. In complete form from intake to pan.

Intake: factory cast iron or the following edlebrock performer intakes are permitted. 2101, 2116. Ford=2181. Chrysler=2176. No porting, polishing or modifications permitted.

Cylinder heads:

1. Casting numbers must document that the casting used is a minimum of 70 cc's. No modifications allowed to make castings with less than 70 cc's meet the 70 cc's.
2. The only heads allowed are (OUT OF THE BOX) 70 cc's or more OEM stock steel production cylinder heads or World Products Inc. part number 4350, 4360 or 12250 stock (OUT OF THE BOX). No bow tie, angle plug, turbo, vortex or any other after-market heads allowed.
3. All heads may be milled to a minimum of 70 cc., machined for screw in studs, guide plates and drill pushrod guide holes. NO GRINDING, DRILLING, BEADING, DIPPING, ACIDING, HAMMERING, PEANING, HONING, SALTING or anything else that you can think of. These heads will be checked and confiscated if a second opinion is needed.
4. Valve guides may be replaced. Valve guides must be left at OEM. correct height in all the ports. All valves guides and valves must be the correct angle for casting used.
5. Any valve seals allowed.
6. The max. OD Valve springs allowed is 1.250. The largest intake valve allowed is 2.02". The largest exhaust valve allowed is 1.60". All valves must be either OEM dimension valves or intake valves P.B.M. #2103 and exhaust valves P.M.B. # 2001. No lightweight or titanium valves allowed. Three angles allowed on valve seat. All valve spring retainers must be magnetic steel.

Work allowed on the valve seat is as follows:

Metal removal, or enlarging of the ports allowed below the top of the valve seat to a depth greater than:

.171 from the top of the valve seat to top of the gauge in the intake valve port side of head.

.121 from the top of the valve seat to top of the gauge in the exhaust valve port side of head.

Measurements will be strictly enforced by the use of Canaan Speedway's no-go gauge.

Exhaust: 1.350" OD of gauge on exhaust.

Intake: 1.718" OD of gauge on intake.

Roller rockers are permitted. 1.5 ratio only. Stud girdles are also permitted.

Carburetor: Holley 4412 2 barrel, 602 crate 600-650 cfm 4 barrel carburetor. Only modification to carburetor will be the removal of choke plate and shaft. Maximum 1 inch carburetor spacer only. 650 Demon #1282010 or Holley #0-080541-1.

True Value dry sump engine rules with 4412 2 barrel carb and 506 maximum final drive