

Crisp Motorsports Park
Watermelon Capital Speedway
Race Rules



Race Car
Enduro Class

2022 Enduro Class Rules

The rules for the Enduro class are set in an effort to conform with other area tracks to allow CMP cars to run at other tracks during our off weekends and hopefully to have other track cars run @ CMP from time to time. Adjustments to the rules may be necessary to insure that everything remains fair and competitive. Any/All rule changes will be posted to insure equality among our racers. This not a modified class, cars must be stock unless otherwise noted.

IF YOU ARE DISQUALIFIED 2 TIMES WITHIN THE SEASON YOU WILL HAVE TO PROVE YOUR SELF LEGAL TO THE TECH MAN OR MOVE TO PURESTOCK.

Vehicle

Any American made 2 or 4 door car with factory STOCK wheelbase. All equipment must be in original location and engine must be stock for make and model unless noted herein. GM corporate 350 engine is allowed in GM cars originally equipped with V8 engine.

For purposes of the stock requirement rule, factory stock means stock parts on regular production vehicles offered by the various manufacturers. Factory stock parts does not include special performance parts available from the manufacturer or certain performance parts available on vehicles such as Corvettes, Shelby Mustangs, Dodge Avengers, etc.

Weight requirement: 3400 lbs with driver after the race. May deduct a total of 25 lbs for neck restraint and / or containment seat.

Wheelbase must meet stock specifications for make/model. 1" variance allowed

- a. Must have stock, unaltered floor pans. No holes in firewall, floor pan or rear firewall. No excessive hulling in trunk. Must have stock inner rear wheel wells or suitable replacement. Subject to tech approval.
- b. Must have stock type bumpers. May run bars to front or rear to support frame. No bars protruding past bumpers.
- c. May use aftermarket gages, tachometer, shifter linkages, etc.

Must have minimum 4" ground clearance under entire car.

56% Maximum Left side percent.

Suspension

All suspension components must remain factory stock for vehicle unless specified otherwise. May run power steering/PUMP. No steering quickners.

- a. No screw jacks allowed

- b. Leaf cars may have adjustable shackles.
- c. May run heavy duty or racing springs but must be of stock width and remain in stock location. Cutting/heating of springs is allowed.
- d. May run stock mount/stock replacement racing shocks in original location. No Heim/Rod end type shocks. No adjustable shocks. No air shocks.
- e. May replace wheel studs with larger studs.
- f. 1" lug nuts recommended.
- g. Stock control arm bushings only. No steel, polyurethane, etc.
- h. Lowering blocks allowed.
- i. No suspension parts may be cut and re-welded to change the dynamics of operation.
- J. Metric cars may run spring spacers. May be adjustable but must be taped.

Engine

Engine must be strictly stock unless herein noted. Gm 350 allowed in any GM car originally equipped with a V8. No 400 engines. No LT1, LS, HO or fuel injected engines. No high performance engines/parts of any type unless otherwise noted herein...

- a. Maximum bore of .060 with .010 variance for wear.
- b. Factory Replacement heads have 73 cc minimum and no altering of any kind.
 - World Product Head #4360
 - RHS head #12400
 - Engine Quest CH-350-1
- c. OEM Factory heads ok.
- d. Open chamber heads only. No casting #191 or #193 heads allowed. 70 cc minimum chamber.
- e. No aftermarket or vortec style valve retainers. May remove rotators.
- f. Stock Diameter valves and valve springs only. May use aftermarket springs and valves but springs must not exceed 100#'s pressure and valves must be to factory stock specifications. This includes length, size and weight.
- g. Multi angle valve job OK (three angles), 1/2" bowl cutting maximum. No modification to combustion chamber. No Race Flow valves, No hollow stem valves, stock diameter Stems.
- **NO ANGLE MILLING.
- h. May drill/pin studs. Poly locks ok. Screw in studs and guide plates ok.
- i. Cam-Intake .425 lift, Exhaust .425 lift max. Stock replacement lifters only. Must have ring clip. Must have -0- valve lash. Stock push rods.
- j. Double roller timing set allowed. Maximum of three keyways. No adjustable buttons.
- k. piston in hole minimum .020 (piston head to block deck)
- l. Any factory stock engine rotating parts (crank, rods, pistons) or stock replacement parts allowed however this does not include hi-performance parts even if offered by factory. May be Hypereutectic - stock replacement only. Four Eyebrow Pistons Only. Eyebrow 4 size must be consistent for all 4 eyebrows. May run eagle OR Scat rods but MUST be stock replacement.
- m. Crankshaft: Cast only 47 lbs. minimum, balancing OK. Eagle crank. OK, Eagle # 103503480 cast 2 pc. Rear Seal - Scat # 9-10442 2 pc. seal. OK, Eagle # 103523480 cast 1 pc. Rear Seal - Scat # 9-10526 1 pc.

seal. OK

n. PISTONS: Cast factory pistons only, 5.7 pistons press on only, No fly cutting, No racing rings, Ring size (5/64,5/64,3/16) Only, Must have all rings.

o. May run any size starter and/or alternator to assist in cranking. Aftermarket is ok.

4. Carburetor/Intake manifold:

Must be stock for make and model of car. No fuel injection. Stock cast iron intakes or Edelbrock stock replacement aluminum intake Part # 2701. Factory Holley intakes ok. No Bowtie intakes. No performance style intakes, No modifications. May block EGR valve.

May change jet size.

a. Optional single line #1850 Holley carburetor. No modifications. May change jets.

b. Open element style air filter ok.

c. No air flow modification devices allowed.

d. No exotic or other high performance type carburetors. (Tech Official interprets this definition)

Other

a. Factory cast iron exhaust manifolds. May run headers.

b. Manual or Automatic transmissions. Must have ALL working gears, no lightening. Automatics must have stock diameter/functional torque converter. No dump/bypass valves. Transmission coolers ok but must not be in drivers' compartment (safety). May run stock factory nodular iron flywheel. No aftermarkets. Clutch and disk must be factory stock or aftermarket with all the factory stock specs. Steel bellhousing ok for safety purposes.

c. Stock type factory master cylinder. Booster optional. All brakes must work. No adjustable/shut off valves. May run factory stock disc brakes.

d. No clutch fans (safety) may run aftermarket steel fan. May run aftermarket pulleys, hoses and/or radiators.

e. Racing wheels ok must be steel, maximum 8". Maximum tire width 8 3/4". DOT tires only, tires subject to durometer test. No treating of tires. No 16" tires unless stock for model and make of car. NO DIRECTIONAL PERFORMANCE TIRES.

f. Fuel cell cannot be lower than bottom point of rear axle. Must be mounted securely.

g. No excessive hulling of interior metal. May cut for tire clearance only. Dash may be replaced with sheet metal. May hull roof for roll cage clearance. Boxing of interior ok but must have inspection panel.

h. Battery must be mounted securely and enclosed in safety box. May be relocated but must be under the hood or in the trunk...

i. Solid or rubber base engine mounts ok. Stock positioning only.

j. Must have driveshaft protection loop. Driveshaft must be painted white.

k. ALL added weight must be painted white and securely mounted.

l. Must run stock rear end for make of car. May use aftermarket ring and pinion gear with any ratio. May weld rear end to lock. No Hi Performance rear end parts such as tru trac, spool, etc. will be allowed.

m. Rear end 9" ford with rear factory disc brakes. No floaters.

Any situation not specifically covered in these rules will be acted upon by the

official or officials in charge at the time, whose decision will be final and binding

on all participants. Continuous developments in racing may necessitate changes which cannot be anticipated at the time rules are formulated. If necessary, rules may be updated, changed, deleted or added to at the discretion of the officials. ALL RULES ARE SUBJECT TO INTERPRETATION BY TECH OFFICIAL. ALL RULINGS BY TECH OFFICIAL IS FINAL

Tech official reserves the right to add weight penalties for minor and or infractions. Tech official's decision is final.