

## 2016 SGMP ENDURO CLASS

### CAR

Any American car

### BODY

- A. All interior glass must be removed.
- B. Full roll cage required
- C. Race seat required
- D. 3" lap and shoulder harness required.
- E. Window nets required
- F. Racing fuel cell required. May be moved to trunk but cannot hang lower than center of rear end housing.
- G. No electric fuel pumps
- H. Fire extinguisher required securely mounted within reach of driver.
- I. Body hulling ok, but floor pan, fire wall, and trunk floor must remain stock.
- J. Dashboard may be replaced with sheet metal.
- K. Must have stock type bumpers. No bump bars of any kind. May have radiator protection bar but it cannot extend past bumper.
- L. No spoilers allowed
- M. Stock brake pedal and master cylinder only. Hydraulic clutch pedal and slave ok.

### WEIGHT

- A. Weight after race 3400 lbs, minus 1 lb. per lap burn off.

### WHEELS AND TIRES

- A. 8" steel wheel. No wide 5 adaptors
- B. Bead lock on right rear only.
- C. No tire treating chemicals allowed. Tires will be subject to durometer test.
- D. DOT tires no larger than 275-15. No racing tires with DOT stamp. If car came with 16 inch wheels they will be permitted. The H-500 Hoosier Tire are legal. No other racing tire is allowed.

### MECHANICAL

- A. No racing parts - STOCK O.E.M. only unless otherwise stated.
- B. Aluminum Radiator allowed.
- C. Aluminum Racing Pulleys Allowed.
- D. Stock Cast Iron Water Pump.
- E. Factory Cast Power Steering Pumps Only.

### ENGINE

- A. Engine must be strictly stock and same type for make and model. 350 ok for all GM cars, but no high performance parts of any kind.

- B. No High Performance Engine or part of any kind.
- C. Pistons must be 4 eyebrow flat top. No forged pistons. Maximum overbore 0.60 + 0.10.
- D. Stock carb or Unaltered Holley 1850 or 80457. May have oil pan with kick out to one side.
- E. Stock valves, valve springs, rocker arms and studs. Maximum valve size of 1.94 intake and 1.50 exhaust. Poly locks ok no guide plates or stud girdles allowed.
- F. Carburetor must be stock for make and model, no alterations of any kind. Unaltered Holley 1850 or 80457 ok
- G. Camshaft can be maximum lift of .425. Stock replacement lifters only and must have horse shoe wire ring clip. Stock pushrods only. Valve adjustment must be preloaded. Heads must have a minimum of 72cc combustion chamber.
- H. Factory Production cast iron intake and exhaust manifolds. (no factory aluminum intakes allowed) Block hugger headers with maximum 1.625 diameter tube OK. These headers do not have a collector and must have an exhaust pipe just as stock manifolds do.
- I. Engine quest CH 350 I head unaltered with 76 cc combustion chamber, 1.94/1.50 valves and 3/8 screw in studs OK
- J. Stock replacement open chamber cylinder heads 76 cc combustion chamber.

#### CHASSIS AND SUSPENSION

- A. O.E.M. suspension front and rear.
- B. Stock mount shocks, and struts.
- C. May run heavy duty or racing springs but must be mounted in stock location.
- D. May use larger studs for wheels.
- E. 1" lug nuts required
- F. Adjustable leaf spring shackles and lowering blocks allowed. Front spring mount should be stock and stock location.
- G. Adjustable coil spring spacers allowed in rear (no screw jacks)
- H. Front weld in coil spring spacer and shims allowed.

#### DRIVE TRAIN

- A. Rear end must be strictly stock for make and model.
- B. Rear end may be locked.
- C. Any gear.
- D. Must have stock transmission standard or automatic ok.
- E. All gears must work.
- F. Drive shaft must be painted white.
- G. Torque converter must be stock and working. Stock clutch and flywheel only. Safety bell housing with standard transmission. Clutch and pressure plate 16 lbs minimum.
- H. No aluminum drive shafts

#### Exhaust

- A. Stock exhaust manifolds or block hugger headers allowed with maximum tube of 1.625. These headers do not have a collector and look similar to a stock manifold; an exhaust pipe attaches the same

as stock manifolds to complete the exhaust.

#### FUEL

A. Gasoline only no alcohol or additives. Fuel Cell may be inside trunk but must hang no lower than center of rear end housing

B. Fuel may be checked by track