



### **Street Stock Rules**

(Also reference ECMS General Rules and regulations)

**(Revised 1/25/2017)**

**RULE BOOK DISCLAIMER:** The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These rules shall govern the condition of all events, and by participating in these events, all participants are deemed to have complied with these rules. It is at the tracks discretion to partially inspect or perform a total inspection of the motor and/or chassis components after consecutive wins. The race director shall be empowered to permit reasonable and appropriate deviation from any of the specifications herein or impose any further restrictions that in his/her opinion does not alter the minimum acceptable requirements. Any interpretation or deviation of these rules is left to the discretion of the officials, their decision is final.

If not specified in Rules, all parts must remain O.E.M for year, make and model.

#### **1 – Drivers**

Minimum age for Street Stock is 14 yrs. old, with ECMS officials' approval and parent's consent form filled out

#### **2 - Competing Models**

Rear Wheel Drive, OEM 8 cylinder cars

#### **3 - Cars**

- A- Steel Bodied Cars with OEM frames
- B- Unibody frame cars may tie together end to end
- C- Steel Bodies Recommended- OEM roof and quarter panels mandatory
- D- If aftermarket panels are used where allowed, must be OE appearance for make and model
- E- All Bodies are subject to track approval, any not in compliance are subject to weight penalty
- F- Firewall and floorboard to remain OE
- G- Inner fender wells may be removed
- H- Hood must have minimum of 4 hood retaining pins
- I- Rear deck lid must have a minimum of 2 retaining pins
- J- All glass must be removed and replaced with Lexan. Side windows may be left open
- K- Front windshield must have 3, 1"x 1/8" safety braces inside attached by 1/4" bolts
- L- All interior trim and structures may be removed
- M- Aftermarket switches and gauges approved
- N- Battery, if not mounted in factory location, may be mounted inside roll cage, securely and totally enclosed
- O- A spoiler may be attached to the rear of the car, 54" max width and not more than 5" in height
- P- Ride height will be 5" minimum, the exhaust system is the only part allowed under 5"
- Q- Trunk area floor pan may be removed

#### 4 - Engines

- A- Chevrolet 602 OR 603 Crate engine
- B- Factory engine- crankshaft -factory steel or cast with no modifications, if aftermarket crank is used, must be same configuration as factory, weight 50 pounds' minimum, 3.480 stroke and standard 2.100" rod pins, 1200 grams, rod, piston, rings & bearings, flat top pistons
- C- Rods should be OE or aftermarket equivalent, Chevrolet 5.7 I-Beam rod with standard .927 wrist pin, balancing allowed, no lightning.
- D- Standard rod and main bearings.
- E- Factory type balancer with rubber ring
- F- Aftermarket oil pan allowed with large sump area, but no kick out
- G- Camshaft, maximum lift is .480" at valve. Must be flat tappet design using hydraulic or solid lifters that meet OE dimensions
- H- Cylinder heads must be factory stock production or world products 4361
- I- No angle plug heads
- J- Maximum valve size, 1.94 intake and 1.50 exhaust
- K- No titanium valves
- L- No grinding, porting or polishing of cylinder heads
- M- Three angle valve job allowed, no cuts allowed below valve seat
- N- Roller rocker arms ok
- O- Factory intake manifold or Edelbrock aluminum replacement, part number 2101 or 2116 for Chevrolet, part number 2121 and 2181 for Ford and 2176 for Chrysler
- P- HEI ignition system or aftermarket HEI, firing order must be factory (no traction control)
- Q- Aftermarket aluminum radiator and aftermarket fan allowed
- R- Headers are allowed, exhaust must exit car behind driver's seat on left or right side, no 180 headers
- S- Engine must remain in factory location, may not be lowered or moved to the left
- T- 602 and 603 crate engines must be compliant to GM performance Spec Manual
- U- If crate engine is rebuilt, consult tech official on everything
- V- Ford & Dodge see tech official for engine rules

#### 5 - Carburetor

- A- 350 2 barrel on factory built engine
- B- 500 2 barrel on crate engines & Dodge
- C- Both carbs will be inspected by NASCAR LMSC rulebook
- D- Carb adapter plate per NASCAR LMSC rulebook
- E- Air cleaner 14" max diameter x 4" tall, with metal housing

#### 6 - Transmissions

- A- Factory automatic or manual ok
- B- All gears must work on manual, using factory type clutch with 33 pound minimum weight
- C- 602 crate engine must run 7 ¼ " clutch or larger
- D- Driveshaft must be 3" in diameter or larger and painted white

## **7 - Wheels**

- A- Steel wheels only
- B- Must be 10" and same offset
- C- 5/8" wheel studs

## **8 - Tires:** Hoosier F – 45 Scuffs

## **9 - Suspension**

- A- Factory lower control arms
- B- Factory type spindles, maybe drilled
- C- Racing Springs, no coil overs
- D- Spring rubber ok, 1 per wheel
- E- Steel body, non-adjustable Shocks
- F- Steel Bushings allowed
- G- Adjustable panhard bar allowed, non adjustable for race
- H- Factory sway bar , with one side adjustable, aftermarket bushings ok
- I- Wheel spacers ok (one per wheel)
- J- Wheelbase must be within 1" of factory specs (Eccentric to straighten rear end allowed)
- K- Tread width max 66 ½"

## **10 - Rear axle**

Only factory rear axle housings- no quick change rear ends, no cambered housings

## **11 - Weight**

- A- 3000 lb min
- B- Camaro 3100 lb
- C- 602 engine 3050 lb
- D- 55% left side weight max
- E- All weight must be secured with 3/8 bolts and painted white with car number
- F- No weight ahead of front axle or behind fuel cell
- G- Car weight must be posted on left door, top front area
- H- Weight can be added or removed to any car at any time for competition

## **12 - Steering**

- A- Factory steering gear
- B- Factory or aftermarket equivalent steering arms, center link and tie rods
- C- Outer tie rod end only can be steel heim joint for bump steer adjustability
- D- Screw ball joints & jack bolts allowed.

## **13 - Brakes**

- A- Aftermarket calipers ok, aftermarket pedals, dual master cylinder

## **14 - Safety**

- A- Helmet must be Snell 95 or better, must have ID
- B- A flame retardant driving suit and gloves are mandatory with SFI tag, during practice, qualifying and race
- C- A head restraint device or neck collar is highly recommended
- D- A 5 point harness is mandatory, with SFI tag and must be 5 yrs old or newer
- E- Race type seat is mandatory, aluminum is recommended
- F- Roll cage using 1 3/4" x .090 pipe with 4 door bars on left and 3 door bars on right mandatory
- G- Fire extinguisher is mandatory with labelled release handle in drivers reach and gauge easily viewable for inspection
- H- Window net SFI approved 5 yrs or newer
- I- Fuel cell must be in steel can and mounted with 1"x1" tube frame to support it, see NASCAR rule book for proper install
- J- Driveshaft must be painted white with 2 loops
- K- All external weight must be painted white with car number on it
- L- No antifreeze!!!!
- M- Master 12 volt on off switch must be mounted in drivers reach and labelled, recommended near center of car
- N- Fuel line must be marked

## **15 - Misc**

- A- Fuel will be tested to ECMS fuel specs, it is recommended to run ECMS fuel
- B- If your car is not compliant to any rules or all rules, see tech official before event

**16** – You are responsible to see that your car meets the rule specifications.

**17** – Rules Subject to change.