

## CADET DIVISION 2024

**BODY: MUST FOLLOW CRUSA LATE MODEL BODY RULES**

**WEIGHT: 2500 FOR CARS WITH BUILT MOTORS**

**2400 FOR CARS WITH 602**

**\*NO BURN OFF AFTER RACE**

**ROLL CAGE: Must be made of roll bar tubing. At least 1.5" min**

**RACING SEAT: Must be fastened to cage hoop and supported from roll bar cage. SEAT**

**BELTS: Seat belts must be secured to seat hoop support, NOT floor.**

### **ENGINES:**

1. 350 GM, 351 Ford Windsor, 360 Chrysler, with .060 overbore. Stock stroke. Cranks must be Stock type -aftermarket OK - must appear stock - No hollow rod throws - No knife edge - Min 48 lbs (crank only) Any flat top piston - Any intake - Valves max intake 2.02" Max exhaust 1.60" Any size valve spring. Any CAST IRON heads. No porting - polishing - blending - No Acid porting - bowl cut OK (must have tool marking intact) Must be concentric with the valve guide, No deeper than the round edge of the valve guide boss. Cam-hydraulic or solid with .500 MAX lift at valve with "0" lash. Rocker arms - Roller OK 3/8 or 7/16" stud, Poly Locks OK, Valve girdles OK No twin or shaft rocker, Lifters - stock OD for make - No mushroom or roller Carburetor: single 4 barrel only-1 INCH SPACER OK IGNITION-HEI OR MSD type ignitions .RODS - Stock Length = Chevy 5.7 351W Ford = 5.954 Chrysler 360 = 6.123

2. CHEVROLET PERFORMANCE PART NUMBER 88958602/19258602-THE SEALED ENGINES MUST REMAIN INTACT AND NOT BE TAMPERED WITH. ANY SEALS THAT HAVE BEEN REMOVED OR TAMPERED WITH WILL MAKE THE ENGINE ILLEGAL AND NOT ELIGIBLE FOR COMPETITION. ANYONE RUNNING A RESEALED ENGINE MUST HAVE CERTIFIED CABLE SEALS FROM A CERTIFIED ENGINE BUILDER. NO CHANGES ARE ALLOWED TO THE ENGINE – INCLUDING BUT NOT LIMITED TO INTAKE MANIFOLD, HEADS, VALVE COVERS, FRONT COVER, OIL PAN, HARMONIC BALANCER, OR ANY OTHER PART/OR PARTS ON/OR IN. NO VACUUM PUMPS. ALL CRATE ENGINES MUST REMAIN STOCK AS THEY CAME SEALED FROM THE FACTORY. CRATE ENGINES MUST NOT BE ALTERED, MODIFIED, OR CHANGED FROM FACTORY SPECS.

3. Unsealed 602 crate allowed, but must meet spec with exception of engine bore(may bore to 4.030 max). If bored, must use Speedpro h423 or h423 replacement piston. No metric ring package allowed, but can file fit.

PROTEST: Any protest on sealed 602 motors will be sent to certified builder. Unsealed or built motors will be teched at track the night of protest.

- Sealed engines(sent to certified builder)- \$1200 to protest.
- Built engines(checked at track)-
  1. \$650- Bore, stroke, cam, and heads- \$150 acceptance fee
  2. \$650-Bottom end(crankshaft and rod)-\$150 acceptance fee
  3. \$200- Cam only(lift will be checked at valve)-\$75 acceptance fee

SEALS:

1: CHEVROLET PERFORMANCE CAP SEALS

2: CRATE RACING USA SEALS

3: EAGLE

4: FASTRAK

5: MID EAST

6: IF YOU HAVE ANY OTHER SEALS CONTACT SERIES TO FIND OUT IF LEGAL OR NOT

CARBURETOR RULES:

1: ONE 4 BARRELL CARBURETOR

2: ENGINE MUST BE NATURALLY ASPIRATED

3: MAY USE ONE 1 INCH, ONE PIECE, CARBURETOR SPACER (.040 TOLERANCE MAXIMUM) AND TWO STANDARD PAPER GASKETS (MAXIMUM 0.070 INCH THICK); ONE GASKET BETWEEN INTAKE TO SPACER AND ONE GASKET BETWEEN SPACER TO CARBURETOR 4:

NO SUPER BOWLS

DISTRIBUTOR RULE:

1. MSD IGNITION SYSTEM. NO CRANK TRIGGER, DISTRIBUTORLESS MULTICOIL, OR MAGNETO IGNITION SYSTEM. 6AL OR 6ALN, or MSD 6CT IGNITION BOX ALLOWED. (NO 6CT PRO)

2. NO ELECTRONIC TRACTION CONTROL DEVICE STARTER RULE:

1. ALL CARS MUST HAVE WORKING STARTER EXHAUST

RULES:

1. COLLECTOR TYPE HEADERS REQUIRED. MUST HAVE FOUR (4) TUBES INTO ONE (1) COLLECTOR OF A CONSISTENT DIAMETER

2. MAY RUN MUFFLERS

3. NO TRI-Y HEADERS

WATER PUMP

1: CAST OR ALUMINUM PERMITTED. STOCK MOUNTED WATER PUMP AND FANS ONLY. NO ELECTRIC FANS

2: NO ELECTRIC WATER PUMPS.

SUSPENSION:

1: LATE MODEL SUSPENSIONS ONLY. NO SPRING LOADED OR SHOCK TYPE 4 BAR

RODS. ONLY STANDARD SOLID BAR 4 BAR RODS. NO TORSION BAR FRONT OR REAR SUSPENSION. SWAY BAR OK

2: ONE (1) COIL SPRING PER WHEEL. FLAT HELPER SPRING OK. NO STACK SPRINGS ON ANY CORNER INCLUDING 5TH COIL. ONE RUBBER BUMP STOP ALLOWED ON RIGHT FRONT ONLY. MAY CUT

3: ONE SPRING RUBBER PER CORNER SHOCKS:

1: OIL SHOCKS (SPLIT VALVE PERMITTED) OR GAS SHOCKS PERMITTED. NON ADJUSTABLE/ NON CANNISTER ONLY. NO AIR SHOCKS ALLOWED.

1A- NO INTERNAL BUMPS

2: ONE SHOCK PER CORNER EXCEPT LEFT REAR. YOU MAY RUN A DRIVE SHOCK. TRANSMISSION:

1: BERT, BRINN OR FALCON ALLOWED

2: NO STRAIGHT DRIVES OR IN AND OUT BOXES.

3: IF RUNNING BALL SPLINE TRANSMISSION CARBON FIBER DRIVESHAFT MANDATORY.

DRIVESHAFT:

1: CARBON FIBER ALLOWED AND RECOMMENDED FOR SAFETY.

REAR END:

1: STANDARD QUICK CHANGER REAR END PERMITTED. NO TITANIUM OR EXOTIC MATERIALS AXLES, SPOOLS, GEARS, OR OTHER MATERIALS INSIDE REAR END. NO SMALL TIGER REAR ENDS.

TIRES: 10" Towel City Recaps WHEELS:

Must be 10" steel wheels only BRAKE

RULES:

1: STEEL BRAKE ROTORS ONLY. NO CARBON FIBER BRAKES. NO TITANIUM BRAKES OR OTHER EXOTIC MATERIAL BRAKE SYSTEMS RADIOS:

1: NO RADIOS, CELL PHONES OR ANY OTHER COMMUNICATION DEVICE ALLOWED IN CAR AT ANY TIME. IF FOUND WILL BE DISQUALIFIED FOR THAT EVENT.

2: RACECIEVER REQUIRED AT ALL TIMES WHILE ON THE TRACK FUEL:

1. RACE FUEL ONLY. NO OXYGENATED FUELS, NITROUS, METHANOL, OR E85.

2. FUEL CELLS MANDATORY.

BATTERY: Must be mounted in approved battery box either welded or bolted. Battery cut off switch mounted on deck in plain view.

FIRE EXTINGUISHER: A 2 lb. fire extinguisher in working order.

Driving suits, gloves, leather shoes mandatory. HANS device, head and neck restraints, windshield bars, window nets are strongly recommended.

Any attached weight must be securely bolted to the frame with two ½" bolts with lock washers or self locking nuts.

Attached weights must be painted white and must have the car number painted on it. ANY LOST WEIGHT WILL BE CONFISCATED.

No driver operated weight adjustment devices. No traction control devices of any manner. Numbers must be on both sides of the car and roof. Must be at least 18" in height (officials reserve the right to ask any driver to change his/her number due to duplications).