



2025 Economy 602 Rules

MANDATORY: All drivers and cars MUST HAVE Receivers and Transponders

WEIGHT RULES:2400lbs

RPM CHIP 5800

NO GEAR RULE

1. CHEVROLET PERFORMANCE CRATE ENGINE PART #88958602 AND QUICKSILVER 357 PART #'S 8M0156572 AND 8M0189741
2. ATTACHED WEIGHT MUST BE SECURELY BOLTED TO FRAME WITH 1/2" OR LARGER BOLTS. WEIGHT MUST BE PAINTED WHITE WITH THE CAR NUMBER DISPLAYED. PENALTY FOR LOSING ATTACHED WEIGHT ON THE RACETRACK AND DISQUALIFICATION FROM THE EVENT.

ENGINE RULES:

- 1a CHEVROLET PERFORMANCE PART NUMBER 88958602/19258602.
- 1b QUICKSILVER 357 PART #'S - 8M0156572 AND 8M0189741
- 1c B. BUILT MOTORS MUST SPEC TO A GM602 OR QUICKSILVER 357.
- 2a THESE ENGINES ARE SEALED AT THE INTAKE MANIFOLD, CYLINDER HEAD, FRONT COVER, AND OIL PAN WITH BOTTLE CAP STYLE BOLTS OR CRATE USA Gen III (Yellow) Gen IV (Green) or Gen V (Black) cable seals, RUSH cable seals and IMCA cable seals are allowed. NOTE: Crate USA Gen V (Light Blue) seals are allowed. These seals will begin with number 406XXX. NO ACAS, NDRA, FASTRAK, Crate USA Gen I (Silver), Gen II (Blue) or GM twist off bolts will NOT be allowed.
- 2b QUICKSILVER 357 PART #'S 8M0156572 AND 8M0189741 WILL HAVE LEAD/CABLE CRIMP TYPE SEAL.
4. 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 ENGINE.
5. NO VACUUM PUMPS.
6. ALL CRATE ENGINES MUST REMAIN STOCK AS THEY CAME SEALED FROM THE FACTORY.
7. ENGINE'S GM SERIAL NUMBER, AND WHEN APPLICABLE, CRATE USA BUILD CERTIFICATION

CARBURETOR RULES:

1. ANY 4 BARRELL CARBURETOR, MUST BE NEEDLE, SEAT AND ACCELERATOR PUMP SYTLE (BYPASS STYLE REGULATOR OKAY) UP TO 750CFM
2. ENGINE MUST BE NATURALLY ASPIRATED.
3. MAY USE ONE 1 INCH, ONE PIECE, CARBURETOR SPACER (.040 TOLERANCE MAXIMUM) WITH TWO STANDARD GASKETS (MAXIMUM 0.070 INCH THICK); ONE GASKET BETWEEN INTAKE TO SPACER AND ONE GASKET BETWEEN SPACER TO CARBURETOR. AT NO POINT MAY SPACER EXTEND INTO INTAKE MANIFOLD AREA.

DISTRIBUTOR RULE:

1. ANY ELECTRONIC DISTRIBUTOR-TYPE IGNITION SYSTEM. NO CRANK TRIGGER, DISTRIBUTORLESS MULTI-COIL, OR MAGNETO IGNITION SYSTEM. IF USING MSD BOX, 6AL OR 6ALN IS ONLY
- 8.IGNITION BOX ALLOWED. (PROGRAMABLE IGINTION BOXES NOT ALLOWED FOR EX: MSD 6AL2/MSD-6421

OR MSD 6AL/MSD-6530 NOT LEGAL)

2. NO ELECTRONIC TRACTION CONTROL DEVICES. MSD BOX MAY BE CONFISCATED AT ANY TIME.

STARTER RULE:

1. ALL CARS MUST HAVE A WORKING STARTER.

WATER PUMP RULES:

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

2. NO ELECTRIC WATER PUMP.

EXHAUST RULES:

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

2. MUFFLERS NOT REQUIRED.

3. NO TRI-Y HEADERS, 180 DEGREE HEADERS, OR MERGED HEADERS ALLOWED

4. NO SQUARE-TUBE HEADERS ALLOWED

FUEL - FUEL CELL - FUEL PUMP RULES:

1. AN APPROVED FUEL CELL (32 GALLON MAXIMUM) MUST BE SECURELY MOUNTED IN THE TRUNK AREA OF THE CAR, INSIDE A .20 GAUGE METAL BOX SUPPORTED BY A MINIMUM OF TWO 2" BY 1/8" STEEL STRAPS.

2. ALL FUEL CELLS MUST BE COMPLETELY VISIBLE FROM REAR OF CAR.

3. GASOLINE OR RACING GAS 110 MAX, NO E-85, NO METHANOL OR ALCOHOL.

NONE OF THE FOLLOWING CHEMICALS ARE ALLOWED IN ANY FUEL USED FOR COMPETITION:

NO NITROUS OXIDE, PROPYLENE OXIDE, NITROETHANE, MTBE, HYDRAZINE, OR ETHYLHEXANOL.

A. GASOLINE OR RACE GAS – SPECIFIC GRAVITY NOT TO EXCEED .744 AT 60 DEGREES. ANY

GASOLINE OR RACE GAS WITH A SPECIFIC GRAVITY OF .745 OR GREATER WILL BE DISQUALIFIED.

FUEL IS SUBJECT TO TESTING ON SITE, OR FUEL SAMPLES MAY BE TAKEN AND SENT TO AN INDEPENDENT LAB FOR TESTING.

4. STOCK MOUNT MECHANICAL FUEL PUMP OR A REVERSE MOUNT PUMP ALLOWED, TANDEM PUMP WITH POWERSTEERING OK. NO ELECTRICAL FUEL PUMPS ALLOWED

EVENT ENGINE PROTESTS:

1. THE PROTEST FEE'S ARE LISTED ON WEBSITE.

2. ONLY THREE PEOPLE FROM THE PROTESTED CAR AND 1 PERSON DESIGNATED FROM THE TEAM PROTESTING WILL BE ALLOWED IN THE TECH AREA DURING A PROTEST.

BODY RULES:

1A. LUCAS OIL BODY RULES WILL APPLY. NO RAISED OR GURNEY LIPS OF ANY TYPE ALLOWED ON BODY. DOORS AND QUARTERS MUST BE FLAT, OR MAY HAVE AN OUTWARD BODY ROLL. NO DOORS OR BODY PANELS ALLOWED TO BE ROLLED OR CURVED INWARD. NO TUNNELING OF ANY TYPE ALLOWED UNDERNEATH BODY, ALONG FRAME, OR AROUND FUEL CELL AREA. A STONE SHIELD FOR REMOTE OIL FILTER OR TRANSMISSION IS ALLOWED, 24" X 24" MAXIMUM

LOCATED NEAR REAR ENGINE PLATE.

1. SPOILER SIZE - MAXIMUM 8". SPOILERS MUST BE MADE OF SOLID MATERIAL SUCH AS LEXAN, SHEET ALUMINUM, OR MATERIALS OF EQUAL STRENGTH. SPOILER & SPOILER SUPPORTS SHOULD BE MADE OF EQUAL MATERIAL ON ALL AREAS. NO OPEN SPOILER SUPPORTS. SPOILER HEIGHT, WIDTH, AND ANGLE MUST BE THE SAME AT ALL TIMES FOR THE ENTIRE AREA OF THE SPOILER. NO VARYING SPOILER HEIGHTS OR SPOILER ANGLES.
2. ROOF SUPPORTS OR "C" PILLARS ON BOTH SIDES MUST BE MADE OF EQUAL MATERIAL. WINDOW OPENINGS ARE ALLOWED BUT MUST BE THE SAME SIZE OPENING ON THE LEFT AND RIGHT SIDE. IF A CLEAR LEXAN WINDOW IS USED, IT MUST BE USED ON BOTH SIDES. BOTH SIDES OPEN, OR BOTH SIDES CLOSED. CURVED OR ARCED ROOF SUPPORTS ALLOWED; 3" MAXIMUM ARC ALLOWED AT WIDEST POINT, CHECKED WITH STRAIGHT EDGE, EXTENDED FROM ROOF EDGE TO DOOR EDGE.
4. NO MIRRORS.
5. NO RADIOS.

FRAME RULES: MUST BE 5 YEARS OLD

1. ALL FRAMES MUST BE OF STEEL CONSTRUCTION.
2. SQUARE OR RECTANGULAR FRAME. MUST HAVE A MINIMUM OF 2" BY 2" MATERIAL, .083 WALL THICKNESS
3. ROUND TUBE FRAME: TUBING MUST HAVE A MINIMUM OF 1-3/4" OUTSIDE DIAMETER, .083 WALL THICKNESS

SUSPENSION RULES:

1. STANDARD 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. STANDARD ONE-PIECE BIRD CAGES; NO SPLIT BIRD CAGES.
3. 1 MECHANICAL TRACTION DEVICE ALLOWED. EITHER 5TH COIL OR TORQUE LINK, NOT BOTH. ONE (1) 90/10 ALLOWED WITH TORQUE LINK, MOUNTED CENTER TOP OF REAREND TO FRAME.
4. ONE (1) COIL SPRING PER WHEEL. NO STACK SPRINGS ON ANY CORNER INCLUDING 5TH COIL. NO PROGRESSIVE SPRINGS. ONE (1) SHOCK AND ONE (1) SPRING PER CORNER OF CAR.
5. OIL SHOCKS ONLY
6. CHASSIS BRACKETS MUST BE FIXED. NO MOVEMENT

SHOCK RULE:

1. SHOCKS, AT ANY POSITION ON THE RACE CAR, INCLUDING LIFT BAR OR TORQUE ARM SHOCKS, MUST BE CONSTRUCTED OF MAGNETIC STEEL OR ALUMINUM. SHOCKS OF THE "THRU ROD" STYLE ARE NOT PERMITTED. SHOCKS MUST HAVE SYMMETRIC, ONE-PIECE BODY. NO ADJUSTABLE SHOCKS. NO REMOTE RESERVOIR OR CANNISTER
OIL SHOCKS ONLY. NO PIERCING VALVES. NO REMOTE ADJUSTMENT OF SHOCKS IS PERMITTED, INCLUDING ELECTRONIC ADJUSTMENT WHETHER HARDWIRED OR WIRELESS. SHOCK/DAMPER DEVICES THAT ARE, OR THAT CAN BE REFERRED TO OR DEFINED AS AN "INERTER" OR REFERRED TO OR DEFINED AS A "J-DAMPER" ARE NOT PERMITTED ANYWHERE ON THE CAR. NO INTERNAL BUMP STOPS OF ANY KIND.

2. ONE (1) SHOCK PER WHEEL ONLY.
3. SHOCK CLAIM RULE: \$250 PER SHOCK. MUST BUY 2 OR 4, 2 FRONT OR 2 REAR, CAR CLAIMING SHOCKS MUST FINISH IN TOP 5 AND ON THE LEAD LAP, DRIVER ONLY CAN BUY SHOCK. DOES NOT INCLUDE SPRING OR HARDWARE.

WHEELBASE RULE:

1. MINIMUM WHEELBASE WILL BE 103".

ROLL CAGE RULES:

1. ALL CARS MUST HAVE A SUITABLE STEEL ROLL CAGE PROTECTING THE DRIVER'S COMPARTMENT, INCLUDING HEADREST.
2. SIDE ROLL BARS ARE MANDATORY AND MUST EXTEND INTO THE DOOR PANELS. A MINIMUM OF THREE (3) BARS MUST BE ON THE LEFT SIDE.
3. EACH BAR MUST BE AT LEAST 1 1/2" DIAMETER, WITH A MINIMUM MATERIAL THICKNESS OF .083".
4. ROLL CAGES MUST BE WELDED TO FRAME.

SAFETY RULES:

DRIVER SAFETY IS THE DRIVER'S RESPONSIBILITY! THIS IS NOT THE AREA OF THE RACECAR TO TRY AND SAVE MONEY. ANY MONEY SPENT ON DRIVER SAFETY WILL ALWAYS BE WELL WORTH IT!

1. ALL CARS MUST HAVE 3" SEAT BELTS WITH SHOULDER HARNESS AND MUST BE ATTACHED TO THE ROLL CAGE. 5YRS MINIMUM AGE
2. ALL CARS MUST BE EQUIPPED WITH A 2 POUND ABC FIRE EXTINGUISHER. DRRP STRONGLY RECOMMENDS A 5 POUND HALON SYSTEM.
3. DRRP STRONGLY URGES AND RECOMMENDS SOME TYPE OF HEAD AND NECK RESTRAINT SYSTEM BUT IS NOT REQUIRED. DRRP STRONGLY URGES ALL DRIVERS TO USE A CONTAINMENT TYPE RACING SEAT.
4. ALL DRIVERS MUST WEAR A COMPLETE FIRE SUIT.
5. GLOVES ARE NOT REQUIRED, BUT HIGHLY RECOMMENDED.

TRANSMISSION RULES:

1. MUST HAVE AT LEAST ONE FORWARD AND ONE REVERSE GEAR IN WORKING ORDER.
2. NO STRAIGHT DRIVES OR IN-AND-OUT BOXES.
3. DRIVE SHAFTS MUST BE PAINTED WHITE - CARBON FIBER DRIVE SHAFTS ARE LEGAL AND RECOMMENDED (SAFETY).
4. BALL SPLINE TRANSMISSIONS – STRONGLY RECOMMENDED RUN CARBON FIBER DRIVE SHAFTS FOR SAFETY!

BRAKE RULES:

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

WHEEL RULES:

1. ANY BRAND OR TYPE OF WHEEL ALLOWED. MUST BE MOUNTED WITH LUG NUTS.

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2. NO KNOCK-OFF OR CENTER LOCK WHEELS.
3. MAXIMUM WHEEL WIDTH - 14"

TIRE RULE:

1. LF RF LR RR

AR 48/56/Pro2, Pro3, Pro4

Hoosier 3/4/D21/55/1350/1600.