

ECONO / B-HOBBY

VERY VERY IMPORTANT!!!! PAY ATTENTION / READ CAREFULLY!!!!

THERE ARE (2) DIFFERENT TYPES / STYLES OF CARS THAT WILL BE ALLOWED TO RACE IN THIS PARTICULAR CLASS. EACH TYPE / STYLE HAS IT'S OWN / SEPARATE / INDIVIDUAL SET OF RULES TO ABIDE BY. ONE SET OF RULES WILL BE CALLED ECONO, THE OTHER WILL BE CALLED B-HOBBY. IF YOU HAVE AN ECONO STYLE RACE CAR, YOU WILL BE TECHED ON / WILL HAVE TO COMPLETELY (100%) ABIDE BY THE ECONO CAR RULES. IF YOU HAVE A B-HOBBY STYLE RACE CAR, YOU WILL BE TECHED ON / WILL HAVE TO COMPLETELY (100%) ABIDE BY THE B-HOBBY CAR RULES. SO, IN LAYMEN'S TERMS, YOU'RE RACE CAR WILL HAVE TO BE IN 100% COMPLIANCE WITH THE FULL / PROPER SET OF RULES THAT MATCH YOUR RACE CAR. THEREFORE, NO CAR WILL BE ABLE TO "CHERRY PICK" (PICK AND CHOOSE) THROUGH EACH SET OF RULES TO REEP ALL OF THE PROS / ADVANTAGES. (EX. YOU COULD NOT ADOPT THE SUSPENSION ADVANTAGE FROM THE ECONO CARS AND THE MOTOR RULES FROM THE B-HOBBY) ALL RACE CARS HAVE TO BE IN 100% COMPLIANCE WITH THE SET OF RULES FOR EITHER ECONO OR FOR B-HOBBY. NO EXCEPTIONS!! ANY CARS NOT IN 100% COMPLIANCE WITH THE PARTICULAR SET OF RULES FOR THEIR CAR STYLE, WILL BE DISQUALIFIED IMMIDIATELY. THE NAME OF THE TYPE / STYLE OF CAR THAT YOU ARE RACING (ECONO OR B-HOBBY) IS TO BE POSTED ON THE DRIVER'S FRONT WINDOW POST OR HOOD. ANY CAR NOT LABELED ECONO OR B-HOBBY WILL BE DISQUALIFIED. NO EXCEPTIONS!!!!

(NOTE: ALL ECONO CAR / STYLE RULES WILL BE WRITTEN IN BLUE)

(NOTE: ALL B-HOBBY CAR / STYLE RULES WILL BE WRITTEN IN PURPLE)

ECONO CAR / STYLE RULES

ENGINE RULES

- A. Steel blocks only. May be bored to casting limits.
- B. Maximum 362 CID
- C. Four eye brow cast or hypereutectic only.
- D. No dome pistons allowed.
- E. Cast crank only (**NO STEEL CRANKS**)
- F. OEM length rods or STOCK replacement rods.
- G. NO 6" rods.
- H. No floating pins.
- I. Wet sump oil system only.
- J. Optional engine: 602 GM P/N #88958602 must be sealed and **NOT TAMPERED WITH!!**

WEIGHTS

- A. Cars with 362 max CID must weigh a minimum of 2900 lbs.
- B. Cars with 602 crate engine must weigh a minimum 2800 lbs.

HEADS

- A. Any STEEL OEM 23 degree head allowed. (Must have casting # visible and readable)
- B. Vortec heads are permitted.
- C. Open chamber style heads only. (70 CC limit on all heads)
- D. Straight plug heads only on Chevrolet.
- E. Ford and Chrysler angle plug OEM cast iron heads permitted
- F. World Products (stock replacement) Chevrolet head casting # I-052 permitted
- G. No bow tie, W2 or Ford SVO allowed.
- H. Steel valves only
- I. NO porting or polishing.
- J. Single valve springs only.
- K. No roller rocker arms. (stamped steel only)
- L. No port matching.

CAMS

- A. Hydraulic cam only, maximum lift of .425.
- B. Hydraulic lifters only.
- C. Lifter diameter must be OEM for make.

VALVES

- A. Intake 1.94 max.
- B. Exhaust 1.50 max.

INTAKE MANIFOLD

- A. Aluminum or cast intakes only.
- B. No porting/polishing or grinding on anywhere on intake.

CARBURETORS

- A. One four barrel carburetor only.
- B. No Dominator or predator carburetors allowed.

HEADERS

- A. Any type headers allowed/ must run parallel to ground.

IGNITION

- A. OEM ignition only.
- B. HEI distributor permitted.

SUSPENSION/SHOCKS/SPRINGS

- A. Racing shocks permitted (steel only) 1 shock per wheel only.
- B. No coil over shocks allowed.
- C. No adjustable or canister shocks OF ANY KIND permitted
- D. Tubular upper A arms permitted/ must be in stock location.
- E. Lower control arm must be OEM for clip cars.
- F. Coil over eliminators permitted.
- G. Multi-leaf or 3 link rear suspension only.
- H. All springs must have a 5" O.D. minimum.

STEERING

- A. OEM steering only.
- B. Rack and pinion steering allowed with a 50 pound weight penalty.

REAR AXLE/REAR END

- A. Stock type or quick-change with steel tubes.
- B. Wide 5 hubs allowed
- C. No independent rear suspension permitted.
- D. No torque arms (lift bars, 5th, and 6th coils) allowed.
- E. No coil overs allowed / no birdcages / no brake floaters allowed.

TRANSMISSION

- A. All transmissions must be fully functional with both forward & reverse gears.
- B. Must be OEM type (standard or automatic).
- C. Must use blow proof bell housing on standard shift,
- D. Drive shaft must be painted white.
- E. Multy disc clutches will be permitted with the addition of 100 lbs.

FLYWHEEL

- A. Stock flywheel only, no lightening of any kind.
- B. No direct drives allowed.
- C. Automatics must have OEM torque converter.
- D. Multy disc clutches will be permitted with the addition of 100 lbs.

DRIVE SHAFTS

- A. All drive shafts must be a minimum of 2" in diameter.
- B. All drive shafts must be painted white.
- C. Only one drive shaft is permitted.
- D. All drive shafts must be protected with a secure drive shaft hoop or sling.

CHASSIS/FRAME

- A. Must be stock clip from mid-plate forward.
- B. Minimum wheelbase span of 104".
- C. Roll-bars must be steel tubing with 1 ½" minimum diameter.
- D. Tubing wall thickness must be .083 minimum.
- E. Number 1 plug must be in line with upper ball joint (1" tolerance).

BODY

- A. OEM stock steel bodies must maintain stock appearance. Rear of car can be open.
- B. **OPTIONAL BODIES:** Stock appearing aftermarket steel or aluminum bodies will be allowed. All aftermarket bodies must have plastic nose and tail pieces, roofs must be stock appearing fiberglass or steel, no dirt late model style roofs. Hood may be fiberglass, aluminum, or steel. If you use an aftermarket body, install it right. No flat-sided bodies, no dirt late model style bodies allowed. All bodies must be mounted straight up, this means your roof is mounted exactly in the center of the chassis (left to right). All bodies stock or aftermarket are subject to approval by the technical inspector.
- C. No front push bars will be allowed. All tubing must be kept completely behind front bumper in the grill area. If you have a body style with a plastic nose piece, all guards must be behind nosepiece.
- D. Rear of car may be open. Rear push bars permitted.
- E. All cars with stock bodies must have OEM type front bumper. No homemade bumpers.
- F. No glass or lexan in windows (must be open).
- G. Any plastic additions must conform to original body contour.
- H. No homemade nose pieces or body parts.

SPOILERS

- A. Rear spoiler must be manufactured of material of adequate strength, such as sheet metal, Lexan, or aluminum
- B. Maximum 65" width
- C. Rear spoiler is not permitted to be suspended above the deck to create a "wing effect."
- D. Rear spoiler must begin where quarter panel ends. No extended decks permitted.
- E. Maximum of 3 rear spoiler supports. Option of 2 additional 1" aluminum braces.
- F. Spoiler supports cannot be mounted wider than the top of the quarter panel.
- G. Rear spoiler material maximum 8" height measured from deck to tip of material.

SEATS

- A. Must have racing seat.
- B. Must be mounted with grade 5 or better hardware.
- C. Must have 4 or 5 point safety belts.

FIREWALL

- A. A full metal firewall must encompass the front, rear, sides, and floor of the driver.

FUEL/ FUEL CELL

- A. Fuel cell w/ steel can and 2" steel straps mounted in rear of car only.
- B. Gas or E85 only.

BRAKES

- A. All cars must have an operational 4 wheel braking system.
- B. 3 wheel/ right front brake shut-offs are permitted.
- C. Any type steel brakes allowed.

WHEELS / TIRES

- A. Front tires open
- B. All rear tires must punch/ stick **52 AFTER THE RACE** with the tracks durometer.
- C. Wheels must be steel and 12" max width.
- D. Bead locks permitted.
- E. No chemical treating allowed.

B – HOBBY CAR / STYLE RULES

ENGINES

- A. Any cubic inch allowed as long as block and crank match [350 block/350 crank or 400 block/400 crank]
- B. Flat top pistons only (pistons cannot rise above deck)
- C. OEM crank only, balancing permitted, but no lightening or knife edging allowed
- D. Stock rods only
- E. Wet sump oil systems only
- F. No splayed main caps

WEIGHTS

- A. All cars must weigh a minimum of 3100 pounds at all times.

HEADS

- A. Any STEEL OEM 23 degree head allowed, no after markets.
- B. No porting or polishing allowed
- C. No machine cuts or grinding in combustion chambers
- D. No roller rocker arms permitted

CAMS

- A. Cam shaft and lifters must be hydraulic only NO EXCEPTIONS!

VALVES

- A. Intake 2.02 max
- B. Exhaust 1.60 max
- C. Valve springs and retainers must be stock

INTAKE MANIFOLDS

- A. Aluminum or cast intakes only.
- B. No porting/polishing or grinding on intake

CARBURETORS

- A. One four barrel carburetor only
- B. No dominator or predator carburetors allowed

HEADERS

- A. Any type headers allowed/ must run parallel to ground

IGNITION

- A. OEM Ignition only
- B. HEI distributor permitted

SUSPENSION/SHOCKS/SPRINGS

- A. Racing shocks permitted (steel only)
- B. No coil over shocks allowed
- C. No adjustable or canister shocks OF ANY KIND permitted
- D. Springs must remain in stock location
- E. All springs must have a 5" O.D. minimum diameter
- F. Tubular upper A arms permitted
- G. Lower A arms must be OEM for car
- H. No 3-link allowed
- I. Multi leaf springs only. No composite or single leaf.

STEERING

- A. OEM steering only

REAR END/REAR AXLES

- A. 9" Ford permitted
- B. Rear ends may be locked

TRANSMISSION

- A. Must be stock (no direct drives)
- B. Automatics must have OEM type converters (no bypass valves)
- C. Stock fly wheel/clutch/pressure plate for straight shifts (no lightening of any kind)
- D. Multy disc clutches will be permitted with the addition of 100 lbs.

FLYWHEEL

- A. Stock fly wheel/clutch/pressure plate for straight shifts (no lightening of any kind)
- B. Multy disc clutches will be permitted with the addition of 100 lbs.

DRIVE SHAFTS

- A. All drive shafts must be a minimum of two inches (2") in diameter.
- B. All drive shafts must be painted white.
- C. Only one drive shaft is permitted.
- D. All drive shafts must be protected with a secure drive shaft hoop or sling.

CHASSIS / FRAME

- A. All frames / chassis must be 100% stock
- B. No jig chassis or frames permitted
- C. Engines must remain in stock location

ROLL CAGE

- A. Must have at least an 8 point cage with door bars
- B. Driver door must have 3 door bars and 2 bars on right door
- C. Full roll cage is required
- D. Tubing must be a minimum of 1 ½" in diameter & 0.83" wall thickness

BODIES

- A. 1970 cars or newer [American made stock steel bodies]
- B. 108" minimum wheelbase
- C. Roofs and hoods must be OEM
- D. Stock appearing homemade sheet metal / aluminum style side bodies will be permitted (MUST BE STOCK IN APPEARANCE. This deviation is due to the lack of available stock / OEM style bodies available for repairs and / or replacements. IF YOU SHOW UP WITH A LATE MODEL STYLE / LOOKING RACE CAR, YOU WILL BE DISQUALIFIED!!!! NO EXCEPTIONS)
- E. Hulling is allowed but must have stock firewall & floor pan
- F. All doors must be welded shut

SPOILER

- A. Rear spoiler must be manufactured of material of adequate strength such as Sheet metal, Lexan, or Aluminum.
- B. Maximum seventy-two inch (72") width.
- C. Rear spoiler is not permitted to be suspended above the deck to create a "wing effect."
- D. Rear spoiler must begin where quarter panels end. No extended decks permitted.
- E. Maximum of three (3) rear spoiler supports. Option of two (2) additional one inch (1") aluminum braces.
- F. Spoiler height cannot exceed a maximum of 6" in height
- G. Spoiler side braces cannot exceed 12" in length and cannot be taller than spoiler
- H. Spoiler supports cannot be mounted wider than the top of the quarter panel.
- I. Total amount of rear spoiler material used must not exceed six-inches (6") in height (measured from deck to tip of material).

SEATS

- A. Must have racing seat
- B. Seat must be mounted with grade 5 or better hardware
- C. Must have 4 or 5 point safety belts

FIREWALL

- A. Factory firewall and floor pan must remain

FUEL/FUEL CELL

- A. Gas or E85 only! No alcohol, nitrous oxide, nitro methane, or any other nitrate additives
- B. Fuel cell with steel can and 2" steel straps mounted in rear of car only

BRAKES

- A. Must be equipped with sufficient 4 wheel braking system
- B. OEM style brakes only
- C. No titanium or carbon fiber brake rotors allowed

WHEELS/TIRES

- A. Steel wheels only. 12" maximum width
- B. Bead locks permitted
- C. Wide 5 wheels allowed with adaptors
- D. Front tires open
- E. All rear tires must punch / stick 52 **AFTER THE RACE** with track durometer
- F. No chemical treating allowed

WEIGHTS

- A. All cars must weigh a minimum of 3100 pounds at all times.