



SCOTTY'S AUTOMOTIVE SPORT COMPACT RULES 2010

COMPETING MODELS

- a) American or foreign manufactured stock production two or four door sedan or mini truck.
- b) 3 or 4 cylinder motors only. No turbo and or rotary.
- d) Wheelbase must remain stock.
- e) Minimum weight of 2200 lbs with driver at any time.
- f) All ballast weight must be painted white and must have a car number on each weight.
- g) Ballast weights will be bolted with a minimum of two ½" grade-8 bolts subject to safety tech approval. Bolt on clamps ok, two per piece.
- h) All weight that falls off car during a race will be fined \$10.00 a pound.

BODIES

- a) Bodies must be complete.
- b) All exterior body parts will be metal or fiberglass. Fabricated panels and must look stock for make and model being used. Flat sides ok. Full bodies required at the beginning of each race meet.
- c) Hood and trunk deck lid pins required. Minimum of two across the front hood and two across rear of trunk lid. One additional pin required for each missing hinge.
- d) Full stock firewall and floorboard including rear seat floor area leading into trunk required. All holes to be covered by sheet metal and welded or riveted in place.
- e) A 6" hole in each wheel well is required to aid firemen in extinguishing fires.
- f) Hood, doors, rear quarters, roof and deck may be gutted. (Inner reinforcement removed)
- g) Stock roof must have A-post, and C-post.
- h) Dash may be removed.
- i) Fender wells may have a 3 to 5-inch clearance.
- j) A windshield screen with two center supports 1/8" by 1", centered 6" to 8" apart mandatory.
- k) **No** mirrors allowed.
- l) Driver's window net mandatory. Attached to the top and bottom of roll cage. Release at top front.
- m) **NO SHARP, PROTRUDING EDGES OR SCRUB RAILS ALLOWED.**

BUMPERS

- a) Bumpers must be stock mfg.
- b) Bumpers mounted behind after market full nose and or tail covers may be fabricated subject to tech approval.
- c) Bumper height measured from ground to centerline of bumper must be a minimum of 16" and a maximum of 20".
- d) Bumpers must have a 90-degree turn on each side extending back a minimum of 4". Bumpers must not have sharp corners or ends.
- e) Front and rear bumpers must have metal plates (minimum of 20 gauge) covering full width of bumper securing ends of bumpers to the quarter panels and fenders.
- f) Front and rear bumpers must have safety chains mounted to the frames. Minimum of 5/16 chain.

ROLL BARS

- a) Full type roll-cage required, subject to tech approval. Bars must be a minimum of 1 1/2" OD, .090" wall thickness.
- b) NO GALVANIZED, ALUMINUM, OR EXHAUST TUBING ALLOWED
- c) Minimum of 3 door bars on right side, with a minimum of 4 door bars on driver side door, no more than 7" spread between each door bar. Must have 1/8" doorplate from top door bar to bottom door bar and from rear down bar to front down bar.
- d) Rear kicker bars may extend to rear frame cross members.
- e) Fuel cell protector mandatory, no more than the width of the frame rails.
- f) Main roll cage uprights must be welded to tubing running full length and welded to rocker panels or welded to a minimum 3/16" thick plate, top and bottom, at all four corners. Plate must be minimum 4" square, with four 7/16 grade 8 bolts at each location.
- g) Padding must be used at any point where driver contact might occur. No swimming pool noodles.
- h) Aluminum racing seat mandatory. Seat must have complete cage frame support fabricated to the roll bar assembly. No fiberglass seats.
- i) A five (5) point safety harness, with quick release mandatory with a 3" wide lap belt, 3" shoulder belts and a 2" submarine. All belts must be attached to roll cage with a minimum of 7/16 grade 8 bolts.
- j) All seat belts must have date of manufacturer and must be within 3 years of the present date.
- k) FUEL CELLS MANDATORY. Fuel cell must be between frame rails in trunk area. Fuel cell must be totally enclosed in an 18 gauge steel container and mounted with TWO 1/8' by 1" straps both lengthwise and crosswise. Bottom of cell center of axle or higher
- l) MAXIMUM fuel cell capacity: 16 gallons
- m) Turnover valve mandatory.
- n) Fuel cell must be foam filled.
- o) Fuel cap lanyard and ground strap required.

FRAME AND SUSPENSION

- a) Wheelbase must be stock for year, make and model utilized.
- b) Front and rear sub frames must be stock for year, make and model of car utilized. No cutting, sectioning or redesign of any frame or sub frame to change the stock location of any suspension component or engine placement unless stated otherwise in these rules.
- c) Strut cars may alter and or reinforce strut towers in order to achieve proper front end settings. All modifications subject to tech approval.
- d) All components and parts must be stock or stock replacement. Any modifying or reinforcing subject to tech approval. No weight jack devices of any kind allowed. No spring buckets. Fixed or adjustable spacers allowed. Racing springs allowed
- e) Adjustable lowering blocks allowed.
- f) Front sway bars ok. No rear sway bars allowed.
- g) Any crash damage repair must locate the suspension components in their original positions with original mounts with a minimum of reinforcement. All repairs subject to track approval.
- h) Ball joint and ball joint location must be stock plus or minus one inch.
- i) All shocks must be stock type and must be mounted in stock location to stock rubber mounts Racing shocks allowed. Aftermarket struts ok.
- j) Front wheel drive cars may not run any camber in rear wheels. Must remain zero degrees.
- k) Drivelines must have two retaining straps. May be made of chain or metal strap. Drivelines must be painted white. No aluminum drivelines.

STEERING

- a) Steering column must be mounted in stock location.
- b) All Steering components (pump & box) must be OEM stock for model being used.
- c) Steering quickener OK. Factory Rack and pinion ok if factory for model being used.
- d) Steering wheel pad mandatory.
- e) Quick release steering wheel mandatory.

BRAKES

- a) Complete stock 4 wheel brakes in good working order required.
- b) Rear wheel disk brakes ok. Only stock components allowed for model being used.
- c) All 4 wheel brakes must work at all times.
- d) Stock working master cylinders must be in stock location.

ENGINE

- a) Engine must match make of vehicle.
- b) Maximum CI as per factory specs plus 0.060 overbore.**
- c) Maximum compression ratio for all cars running in this division will be 10.5 to 1.**
- d) ENGINE BLOCKS: Stock OEM engine blocks only. Decking allowed. Studded main caps allowed. Must have stock casting numbers on block. Inspection hole required in oil pan to obtain unobstructed view of crank and rods. Blocks must not be altered in any way so that it cannot be used in a street legal production car.
- e) CRANKS: Stock OEM crank only. No knifing, no lighting. No offset grinding. No stroking. No destroking. No after market cranks of any kind. After market crank pulley ok. Crank is to remain stock and will be teched.
- f) PISTONS: No billet aluminum, no lighting of any kind.
- e) RODS: Stock OEM rods and rod length only for year and make of engine being use. No lighting of any kind. Floaters ok. Heavy-duty rod bolts OK. Shot peened OK. No aftermarket rods allowed.
- f) HEADS: No after market heads allowed. No port matching, no pocket porting or blending. No porting or polishing of any kind. After-market valves ok. Stock diameter only for head being used. After market valve springs, retainers, and keepers ok. Steel only no aluminum or titanium valve train parts. Roller rockers ok if offered from manufacture being used.
- g) CAMSHAFT: Any solid or hydraulic camshaft allowed. Aftermarket adjustable cam pulley ok.
- h) INTAKE: Stock intake manifolds for engine being used only. No port matching.

CARBURETION/ Injection

- a) Holley #4412 or # 7448 carb. Aftermarket type ok. Must fit tech gauge .Must have choke horn.
- b) Carburetor adaptor not to exceed 1" max with one gasket on top and one gasket on bottom. **No** other additional spacers. Two Throttle return springs mandatory.
- c) Standard size air cleaners only 4" x 14" max.(K&N filter ok)
- d) Injected cars may use aftermarket injectors.

FUEL SYSTEMS

- a) Fuel pump must be in stock location.
- b) **NO COOL CANS ALLOWED.**
- c) **NO GLASS OR PLASTIC FUEL FILTERS ALLOWED.**
- d) Gas shall not be blended with alcohol, ethers, or other oxygenates Race gas ok.
- e) Electric fuel pump will be allowed on engines that have no provisions for mechanical fuel pump. Electric fuel pump must be wired through oil pressure sending unit or alternator in a manner that will insure fuel pump will not operate when motor is shut off.
- f) Any line passing through the drivers' compartment will be neoprene hose inside steel tubing, and will be subject to tech approval.

. EXHAUST SYSTEM

- a) After market headers allowed. Under the chassis or through the firewall ok.
- b) Modifications to firewall to except header must be kept to a minimum.
- c) Any part of exhaust system in driver's compartment must be completely sealed from driver.
- d) Mufflers mandatory. Maximum dB reading 95 decibels at 100 feet.

COOLING SYSTEM

- a) Radiators must be in stock location and appear stock.
- b) Fan shroud mandatory.
- c) Sold plastic, aluminum or steel fan ok.
- d) Electric fans ok.

ELECTRICAL SYSTEM

- a) Any aftermarket battery powered ignition system allowed. No mags. Trigger fire allowed only if factory for model being used.
- b) Cars requiring a PCM or some type of computer system may run aftermarket components. Must be nonadjustable from driver's seat.
- c) All batteries must be securely mounted. If battery is mounted inside of driver compartment it must be fully enclosed inside metal case bolted to the floor having a securely attached cover. Dry cell highly recommended if in driver's compartment.
- d) Electrical ON/Off switch and starter button must be within reach of driver without having to release, loosen or remove seat belts.
- e) All cars must start under their own power.
- f) Master electrical on/off switch mandatory & must be reachable from either side of car from outside, and kill the engine when turned off.
- g) All cars must be equipped with a stock starter and must be mounted in stock location.

. TRANSMISSIONS & REAR-ENDS

- a) Transmissions must remain stock and in stock location with all gears working.
- b) Manual transmission ok. Stock steel pressure plate only. Aluminum flywheel ok.
- c) Must be OEM style pressure plate & flywheel. This means aluminum flywheels will look just like factory steel flywheel.
- d) One-inch inspection hole in bell housing mandatory. Steel only scatter shields mandatory.
- e) Automatics must have stock working torque converters.
- f) Transmission coolers ok. No mounting of coolers in driver's compartment.
- g) **No** ratchet or locker rear-ends. No full spools allowed. Mini spool, or welded gears ok.
- h) Locked front wheel drives ok.

TIRES AND WHEELS

- a) Maximum wheel width is 8". Steel wheels only.
- b) Maximum tire tread width 8 1/2".
- c) No bead locks allowed.
- d) Racing tires ok.
- e) No tire softeners.

NUMBERS (IDENTITY)

- a) For proper scoring, numbers must be easily read from the grandstand.
- b) Car numbers must be in **CONTRASTING COLOR** and must be on both doors and on top: also front and rear for staging.
- c) Numbers on doors and top are to be a minimum 20: high by 4" wide.
- d) Numbers on the front of the car must be 6" high; and must be placed in driver side headlight area (must be clearly visible to staging person).
- e) Numbers on the rear of the car must be 6" high and placed near the right side corner.
- f) Driver's name is to appear on top over both doors in 3" high letters.
- g) Numbers must be **solid color, no neon, no gold or silver.** h) No three digits or letters will be accepted.

MISCELLANEOUS

- a) Radios: No radios allowed in cars.
- b) Equipment will not be considered “legal” simply because it went through tech inspection unobserved or because a rule has not been written excluding it.
- c) No interior or exterior rear view mirrors allowed.

SAFETY EQUIPMENT

- a) For all safety equipment it will be the sole responsibility of the driver, not Victorville Auto Raceway agents/officials or corporate officers to ensure that his/her safety equipment is correctly installed, maintained, and properly used. Please refer to manufacturer installation and usage guidelines and adhere to them.
- b) Helmets/Gloves/Suits/Eye Protection
 - 1) Safety helmet must meet Snell 95 testing standards, and bare proper identification, and have no signs of previous damage.
 - 2) Two (2)-layer fire suit is mandatory at all times. No flight suits allowed.
 - 3) Approved racing gloves Mandatory, no welding gloves, gardening gloves, etc.
 - 4) Approved racing shoes or leather boots required no nylon shoes permitted.
 - 5) Eye protection is mandatory, and must be in place at all times.
- c) Fire Extinguishers
 - 1) On board fire extinguishers (2lb) MANDATORY with metal quick release mechanism, within drivers reach while strapped in. Car # must be painted on.
 - 2) All cars will be required to have in their pits a minimum of one 5 pound, Halon or dry chemical fire extinguisher. This is to be visible to tech officials, and all crewmembers must be aware of its location, and knowledgeable in the use of the fire extinguisher. Sharing a fire extinguisher between two pit areas is illegal.
 - 3) Car and driver will be required to make safety rule violations comply, PRIOR with racing any event.

. INSPECTIONS

- a) All cars are subject to inspection at any time and in any manner determined by track officials. All decisions regarding the timing and manner of inspections, as well as which cars will be inspected is final.
- b) A competitor must take whatever steps requested by a track official, to facilitate inspection of the car at any time.
- c) Only those persons approved by track officials may be admitted into the inspection area.
- d) Victorville Auto Raceway has the right to confiscate any part and/or equipment, which fails to meet applicable specifications during an event.
- e) Track officials mandate inspection after the event; if a car that has competed in the event is taken from the tech area without permission of a track official, the car and driver will be disqualified.
- f) Any member who fails to tear down a car for inspection when requested to do so by the track officials will incur a fine and/or loss of championship points and/or indefinite suspension from Victorville Auto Raceway.

ENGINE PROTEST PROCEDURES:

Any track member may request to have a motor tore down to the crankshaft for inspection of illegal parts for a fee of \$500.00. Any starters of the main event within 5 minutes after checkered flag at the tech pad area. \$100.00 to track, \$400.00 to car owner if found legal. If illegal, \$400.00 will be returned to member contesting car and \$100.00 to track (\$100.00 to raceway covers cost required for tech officials to over see procedure). Must have raced the two races in a row prior to requesting an engine tear down. Refusal of tear down penalty subject to track discretion