

# Retro Can-Am

## 1. Dimensional Specifications:

- a. Maximum Overall Chassis Width: 3.125" (measured across any part of the chassis)
- b. Maximum Tire Width: 3.125"
- c. Maximum Rear Tire Width: .800"
- d. Minimum Rear Tire Diameter: .8125" (13/16")
- e. Minimum Front Tire Width: .250" (1/4")
- f. Minimum Front Tire Diameter: .750" (3/4")
- g. Minimum Clearance: .050" measured under rear axle, excluding the drive gear and .015" measured at the lowest, most forward part of the chassis. The bottom of the chassis, excluding wheels and guide, must be flat when fitted on a test block. Both clearances measured with car standing on a flat tech board on its wheels, without guide. Side pans must clear the same measurements (no "hanging pans" allowed).

## 2. Chassis Construction:

- a. Chassis type: Any personally built or commercially available scratch-built chassis conforming to these specifications will be allowed. Absolutely no form of pillow block construction is allowed.
- b. Chassis materials: Brass sheet, rod and tubing, steel wire, pin tubing and guide tongues are allowed. Other than guide tongues, stamped steel parts, EDM or laser-cut parts of any material are not allowed, unless submitted for approval.
- c. Drive type: Must be in-line drive, angled or sidewinder chassis are not allowed.
- d. Other than a drop arm, all hinged movements must be oriented in only one direction (i.e. either side pan hinges OR a plumber hinge, NOT BOTH, meaning that a "loose" hinge may not provide movement in more than one direction). Centerline hinges (flexi hinges) are not allowed. No chassis movement, dynamic or induced, may extend the overall chassis width to more than 3.125". No chassis component may exhibit flex movement or hinged movement of more than 1/16".
- e. Front axle: A single straight, round 3/32" min diameter, one-piece front axle is required, carrying both front wheels. The axle may be fixed or in a tube. Small flats can be ground only in places for setscrew location. NO hinged front wheel movements are allowed (i.e. no "L" arms). Front wheels may rotate independently. No visual obstruction of any kind across either front or rear wheels must be seen when viewing the car from its sides.
- f. Guide: One guide flag centered on the longitudinal axis of the chassis (i.e. no sideways "free float" or offset) is allowed.

## 3. Motor rules:

- a. Motor type: Only the TSR, Falcon VII or Slick 7 Mini-Brute motors are allowed. Motors may be zapped, no other alterations or modifications allowed.
- b. Motors must be mounted with screws; soldering is not allowed.
- c. Exclusion clause: Any clear violation of motor-tampering rule will result in permanent exclusion from any NCRRA participation in any form.

## 4. Body Rules:

- a. Body style: Bodies must be originals or exact reproductions of pre-1970 Can-Am bodies by Russkit, MAC, Lancer, Associated, Dynamic, etc. No "flattened" or "aerodynamically improved" bodies allowed (i.e. no molded-in spoilers, wings, etc that were not on the original full-size car or original mold).
- b. Front wheel arches must be cut out. Rear wheel arches may be left closed if the original full-size car ran with closed wheel arches. Bodies must be presentably painted and carry at least three racing numbers, one on each side and one on the front. Bodies must be molded with a .010" minimum thickness.

**Approved Body Listing:**

MAC	Ti22 (V03), Lola T160 (V15), Ferrari 312P (V16)
Electric Dreams	McLaren MK6 (MESAC), Dynamic Lotus 40, Dynamic McLaren M8A, Champion McLaren M8A, Kirby Ti22
Toytech	Dynamic TR179 McLaren M8A, Lancer TR180 Shelby King Cobra, Lancer TR183 Ferrari 330 P4, MAC TR195 Lola T160, Dynamic Lola T-70, Russkit McKee, Honker, Mirage, Chaparral 2H
TrueScale	Dynamic Porsche 908 Spyder (TSR07), Dynamic Lotus 40 (TSR06), Dynamic Lola T-70 (TSR08), MAC1969 Ferrari 312 (TSR02), Ferrari 612 Short Nose (TSR10), Kirby Ti22 Short Nose (TSR27), Ti22 Long Nose (TSR24), MAC Lola T160 (TSR05), Dynamic McLaren M8
Outisight	Russkit McKee (OS-405, M.A.C. Lola T160 (OS-407), M.A.C. Ti22 (OS-408), Ferrari 612 Pro Short (OS-410), Kirby 69 McLaren M8A Short (OS-411), Ti-22 Kirby "Narrow Nose" (OS-415), Ti-22 Long Nose (OS-415L), Ferrari 612 Bloom Waters (OS-451), 67 McLaren M6A (OS-454), 67 Ferrari 350 Dynamic (OS-455), Dynamic Porsche 908 Spyder (OS-456), 68 McLaren M8A (OS-463), Lola T-163 (OS-464), 67 Honker II (OS-465), 68 Ferrari 612 (OS-466), 68 Lola T-160 (OS-467)
Red Fox	Chaparral 2H, Ferrari 612, Ferrari P2, Honker, Lola T160, McLaren M8A, Porsche 908R, Porsche 917-10, Porsche Spyder

Other bodies may be submitted to the NorCal Retro membership for approval.

- c. Cockpit: A separate 3-D driver figure painted in at least 2 colors must be fitted. Paper interiors are not allowed. Bodies with molded-in cockpits are allowed, but the windscreen and/or windows must remain clear. No part of the chassis may be seen when viewing the car from the top.
- d. Spoilers and air control: May be add up to 1/2" flat spoiler, including spoilers already molded in the body. See drawing below.

