



**Body:** Any Approved Can Am body may be used.

1. Bodies must be 1969 or earlier models based on the actual full-sized cars of that era.
2. Bodies may not be modified from their original molded factory form.
3. Max width of bodies and spoilers are 3 1/4".
4. No excessive cutting allowed.
5. Front wheel wells must be cut out.
6. Rear wheel wells are to be cut out unless the real car was run with the rear wheels enclosed.
7. Rear of body may be cut out.
8. Tape to reinforce bodies is allowed.
9. Must have three numbers and be painted.
10. Bodies may have clear sides and no higher than 1/4" (6.35 mm ) measured from the bottom of the body when mounted on the car.
11. Windshields/windows must be clear or tinted as on the full-size car.
12. Must not be able to see the chassis through the body and body must be opaque except for the clear sides and windshield areas or any other area (air vents) that was open on the full-size car.
13. There is to be a minimum of 1/16" (1.59mm) vertical front area (grill, bumper) on the front of the body. \*\*The only exception to this rule is the TI-22 and Porsche 917PA Riverside bodies which had no front vertical area.
14. Front and Rear tires and/or chassis may not be visible outside the body when looking down on the car/body.
15. Body interiors must be used. Must be formed and 3-D. No flat interiors allowed. Must be painted a minimum of two colors. Must have driver, helmet, arms, shoulders, and steering wheel molded in. The cockpit area must be cut out on the mold lines of the body.

**Rear Body Skirts:**

1. There is no maximum limit to rear body skirts behind the rear tires in Can-Am.
2. No material of any kind may be added on to the body to extend rear body skirts.
3. All rear body skirts must clear by .050 sitting on the tech block.

**Rear Body Height:**

1. Maximum of 1 3/8" (34.93 mm) measured at the highest point of the body at the rear of the body. Measurement does not include the rear spoiler.
2. Rear Spoiler- Max height is 1/2" (12.7 mm).
3. Spoiler must be attached to the rear of the body and not on the top of the body.

4. Rear spoiler can be no wider than the body.
5. No additional air control devices are allowed. No front diaphragms or side dams allowed.
6. Notches and "punched" holes are permitted. A maximum of two bends allowed.
7. High mounted wings are not permitted.

### **Chassis:**

1. To be scratch built from the listed materials or kits.
2. Allowed Materials are Brass in sheet, rod and tube forms. Bronze rod for chassis main rails/rails. Steel in piano/music wire, pin tube(s).
3. Steel guide holders are allowed but cannot exceed a max width of 1" (25.4 mm) and be no longer than 1 1/2" (38.1 mm) in length.
4. No other materials allowed in chassis construction.
5. Chassis are to be in line drive type.
6. Motor shaft must be 90 degrees to the rear axle.
7. No offset motors allowed.
8. The motor shaft is to be on the centerline of the chassis.
9. Floating pin tubes are allowed.
10. Steel parts cut from Flexi type chassis are not allowed.
11. Chassis must have a three sided and one-piece rear motor bracket with a minimum height of .200" in the areas between the motor mount and bushing/bearing/tube areas.
12. Bracket width is open.
13. No cut and soldered rear brackets allowed.
14. The motor must be supported by the bracket and the bracket extend to touch the rear axle bushings/bearings/tube(s).
15. The motor must be soldered or screwed to the bracket.
16. Keyed or Snap type chassis construction is not allowed.
17. Chassis Main Rails of round steel wire or round brass rod/tubing may be ground/sanded a maximum of 20% of the wire diameter and must be ground/sanded on the bottom side of the wire and chassis only.
18. No flat or strip type rails allowed.
19. Chassis Main Rails must connect the front of the chassis to the rear motor bracket.
20. No Pan type or one-piece type chassis allowed.
21. The bottom surface of the chassis and motor must be straight and flat in all directions (front to rear and side to side) with no sagging or drooping or bowing parts below the chassis main rails. This will be checked with a straight edge ruler.
22. All hinged movements must be oriented in one and the same direction excluding the drop arm.
23. Shaker pans are allowed.
24. Centerline hinges are not allowed.
25. **Maximum chassis width is 3 1/8" (79.38 mm)**
26. Axles may not be wider than 3 1/8" and may not protrude outside the outer wheel edge.

### **Clearance:**

1. Front Minimum is .015" (0.38 mm).

2. Car/chassis is to be checked on a flat block with the front and rear tires supporting the car/chassis without the guide and the most forward part of the chassis will be measured for the minimum .015" clearance.
3. No tape or other materials are allowed anywhere on the bottom of the chassis.
4. Rear Minimum is .050" (1.27 mm). Car/chassis is to be checked on a flat block with the front and rear tires supporting the car/chassis without the guide.
5. The motor bracket and all wires, pans, etc. must clear by this measurement from the shaft side of the motor.
6. The crown gear must also clear by .050".

**Motor:** The only allowed motor for Can Am is the Sealed Pro Slot PS-4002-FK motor.

1. All motors must run an 8-tooth pinion. At some events smaller pinion may be allowed due to track length.
2. Motors must be factory sealed and using the unmodified factory seal only.
3. Seals may have clear "fingernail polish" added to extend life of seal.
4. NO other modifications to the seals allowed
5. Racers may change brushes and springs.
6. Only 3 coil replacement springs are allowed.
7. Any 36-D sized motor brushes may be used.
8. Brushes may not be cut, slotted or modified on the surface touching the commutator.
9. Brushes may be radiused prior to break in.
10. No spring insulation or shunt wires are allowed.
11. Super Glue may be added to the endbell bushing.
12. Can oilite bushing may be soldered in place.
13. Armature Shafts may be cut on both sides of the motor.
14. Motors may NOT be refurbished.

NO OTHER MODIFICATIONS ALLOWED TO MOTOR.

**Axles:**

1. Minimum diameter of 3/32" (2.38 mm) allowed front and rear.
2. Axles must be solid steel and no hollow or lightweight material axles allowed.
3. Flattened axles are allowed.
4. Threaded front axles allowed.
5. **Bearings/Bushings** - Ball Bearings or oilite bushings allowed on front and rear axles and in front wheels.

**Weight- Minimum ready to race car weight is 100 grams.**

**Gears:**

1. 48 pitch commercially available pinions and crown gears only.
2. Must use 8 tooth pinions only and crown gears are limited to 26, 27, 28 and 29-tooth.
3. Gears may not be modified except for a sleeve only.

4. No lightening of the plastic or metal gear hub.
5. The plastic portion of **29T** crown gears may be sanded and/or machined to meet minimum clearance requirements.

No other modification of crown gears is permitted.

**Guides:**

1. May use any commercially available guide flag.
2. May use any lead wire, guide clips and guide nut.

**IF IT'S NOT MENTIONED IT'S NOT LEGAL ASK before bringing it to the track or to tech**

**Tires:**

Fronts:

1. Minimum Diameter .750" (19.05 mm).
2. Minimum Width .225" (5.72 mm).
3. No O-Ring fronts allowed. Must be two pieces a wheel and a foam rubber tire. Foam rubber tire must be glued to the front wheels.
4. Front tire foam must be Black and made from natural, wonder or SBR type rubber.
5. No silicone material(s) allowed. Fronts may be coated with "superglue" or fingernail polish. Contact patch must touch the entire track surface.
6. No angle cut or treading allowed.
7. Tire edges may be rounded 1/16" maximum radius.

Rears:

1. Must be made using Natural Rubber tires only.
2. Fish/Tuna (treated or untreated) and Wonder rubber is allowed.
3. No Speed, silicone or synthetic rubber allowed.
4. Maximum rear tire width is .810" (20.57 mm).
5. Minimum rear tire diameter is .8125" (20.64 mm).
6. Rear tires may not be angle cut.
7. Rear tire/wheel width may be narrowed.