

**2011**

**CANAAN FAIR ASPHALT SPEEDWAY  
FOUR CYLINDER BANDIT RULES**

**ATTENTION BANDIT COMPETITORS**

The Bandit Class is intended to provide and encourage Stock car racing at an affordable price. The objective of this class is to provide a low cost, safe, cheap way to have fun, and get your feet wet in the sport. Bandit cars should basically be stock with only modifications for safety. Efforts to “bend” or take advantage of “gray” area rules will not be tolerated! It is nearly impossible with all the different types of vehicles allowed in this class to provide a rulebook which will cover every possible situation that might occur. The Technical Inspector(s) are given discretion to use their judgment to interpret and make changes to these rules at any time should it be deemed necessary, to insure equal competition for all. Management reserves the right to impose weight penalties to any vehicle deemed hurting the competition. On your third victory in the same season, 25lbs will be added to the right side of your car, and subsequently, another 25lbs. will be added for each victory thereafter. This is at the discretion of Director of Competition.

**NEW RULES FOR 2011**

**Suspension:**

- 8. Spring rubbers will not be allowed (No Spring Rubbers)**

**Engine:**

- 2. Engine, transmission, and rear ends must be stock for make model and year**

**Tires and transmission:**

- 5. Steel Racing wheels are allowed On Right front only**

**Weight rule:**

- 1. All vehicles have a minimum weight of 2250lbs with driver. A 1lb. per green flag lap tolerance will be allowed at the end of any race.**

**Frames:**

- 4. Minimum frame height is 5”. Measured at any point between the wheels. Measured with driver in the car. Air pressure up to 25 lb can be added.**

**Body:**

- 14. Absolutly no holes in hood except for hood pins**

F. **G. COMPETING MODELS:**

1. Any American or Foreign made hardtop sedan, lift back or pickup truck up to and including current year.
2. No sports cars or two passenger cars allowed.
3. No Camaros, Firebirds or any other leaf spring cars allowed.
4. Maximum wheelbase is 108"

**BODIES:**

1. All body panels must remain stock appearing.
2. All doors must be securely fastened (welded, bolted or chained) closed.
3. Hoods may be gutted, must have a minimum of three (3) hood pins.
4. Trunk lid may be gutted. Must have a minimum of two (2) hood pins.
5. Door handles must be removed, and covered with sheet metal or aluminum.
6. Vehicles with t-tops or convertibles are not allowed. Sun roofs must be removed and covered with a minimum of 22 gauge steel.
7. Stock type front and rear bumpers mandatory. Must remain in stock position and must be closed on the ends.
8. All glass must be removed with the exception of the windshield. Windshield may be replaced with a lexan type material or a screen. Windows may be replaced with lexan except for front driver's side window.
9. Stock dash may be removed and replaced with sheet metal.
10. Passenger rear seat and all flammable material must be removed.
11. Stock floorboards and firewalls must remain stock. All holes must be covered with minimum 22 gauge steel.
12. No boxing in of driver's compartment allowed.
13. Quick release steering wheel recommended.
14. **Absolutly no holes in hood except for hood pins**

**FRAMES:**

1. No tube frames.
2. Frames must remain stock.
3. Uni-bodies may connect front and rear as long as both sides are done the same way.
4. **Minimum frame height is 5". Measured at any point between the wheels. Measured**

**with driver in the car. Air pressure up to 25 lb can be added.**

### **WEIGHT RULES:**

- 1. All vehicles have a minimum weight of 2250lbs with driver. A 1lb. per green flag lap tolerance will be allowed at the end of any race.**
- 2. Front-wheel drive maximum left side weight 53%, rear-wheel drive maximum left side weight 54%**
- 3. Vehicles will be weighed prior to feature**
- 4. All added weight, lead or steel, must be bolted or boxed securely in front of rear axle, on the inside of the car on the right hand side.**
- 5. On any team's third victory, 25lb. will be added to the center of the right side of the car. An additional 25lbs. will be added for each victory thereafter. This rule will be enforced at the discretion of the Director of Competition.**
- 6. All lead must be painted white with car number labeled on it.**
- 7. In fairness of competition, the Director of Competition reserves the right to add weight or adjust weight percentages as deemed necessary.**

### **ENGINES:**

- 1. Four cylinder engines only. No turbo, superchargers, or rotary engines allowed.**
- 2. Engine, transmission, and rear ends must be stock for make model and year**
- 3. Any type of engine or transmission mount allowed. Must be mounted in stock position only.**
- 4. Pickup Trucks may have a maximum of one (1) sparkplug per cylinder.**
- 5. All cars with electric fuel pumps MUST have an electrical shut off switch that has to be clearly labeled ON and OFF, and must be located in the middle of the dash or mounted on the center bar of roll cage next to battery kill switch.**
- 6. Stock rods and crankshafts.**
- 7. No polished or ported heads, intakes or exhaust manifolds.**
- 8. Starter and alternator must be working. No alternator shut-off switches allowed.**
- 9. No after market oil pans allowed.**
- 10. Exhaust manifolds must be stock. Exhaust manifolds only, no headers or header type manifolds.**
- 11. Maximum 2.25" O.D. for all exhausts. Exhaust must exit behind driver compartment, and exit under the car, NOT OUT THE SIDE! Any vehicle having the exhaust exit out the side will have one meet which includes only their initial night to comply. After that initial night they will NOT BE ALLOWED TO COMPETE!**
- 12. Mufflers are mandatory, and must pass a 96 decibel test.**
- 13. Electric fans may be used.**

14. Must have radiator overflow tank.
15. Any part with serial or part number removed or altered will be deemed illegal.
16. The track reserves the right to bring in a specialist to determine whether a racecars components are within stock requirements.
17. Positively No Anti-Freeze/Engine Coolant or other glycol based liquids allowed. Water and only red approved water-wetters allowed. No green. Any driver found using such fluids will be subject to a \$250 fine.

### **MAXIMUM ENGINE SIZES:**

**Engine, Transmission, and rear end must remain stock for make model and year**

19. All vehicles must have engine size visible on hood or windshield area.
20. Carburetion/Injection must be stock for make of automobile.

### **TRANSMISSIONS & REAR-ENDS:**

1. No locked rear-ends.
2. No welding of gears.
3. Stock transmission.
4. No diesel transmissions allowed.
5. Clutch - any single disc clutch.
6. Stock fly wheels only. No lightening allowed.
7. 2" inspection hole is mandatory so flywheel and clutch assembly may be inspected visually.
8. If rear wheel drive car and drive shaft runs from motor in front to rear end in rear, it must have two (2) drive shaft safety loops made of ¼" X 2" steel. Drive shaft must be painted white with car number on it.
9. All gears, forward and reverse must work!
10. Torque converter must be used.

### **TIRES AND WHEELS:**

1. Maximum 60 series or narrower DOT radials allowed.
2. Tires must be all either 13", 14" or 15" tires.
3. Size may differ one size for stagger. EXAMPLE 185-195, 195-205, etc.
4. 15" is the maximum wheel size.
5. **Steel Racing wheels are allowed On Right front only**
6. All wheels to be a maximum of 7" wide.

7. No wheel spacers or adaptors plates allowed.
8. Minimum tire tread wear number is 200.
9. All tire sizes and tread wear numbers MUST be marked on the outside and inside of the tires with either a white or yellow paint marker or crayon.
10. No tire may be used that has a market RETAIL PRICE greater than \$100.
11. 1" steel lug nuts highly recommended on all wheels.
12. 1" steel lug nuts mandatory on right front wheels.
13. Right front wheel may be reinforced for safety reasons.
14. The Director of Competition reserves the right to implement a track tire rule or adjust the tire tread wear rule if deemed necessary as for the best interest of competition.

### **SUSPENSION:**

1. Springs must be stock and match from side to side. Fronts both must match, and rears both must match.
2. Springs must have same number of coils, same coil diameter, same wire diameter, same free height.
3. Wire diameter will be allowed a maximum .050 tolerance.
4. No adjustable shocks or struts allowed, (internal or external adjustable)
5. Must be over the counter brands such as Monro Sensa-Track, etc. No aftermarket racing shocks or struts allowed.
6. All shocks and struts must be approved by Tech Official and their decision is final.
7. Serial numbers must be intact and legible for inspection.
8. **Spring rubbers will not be allowed ( No spring rubbers)**
9. No jacking bolts, lowering blocks, lowering kits, adjustable cups, or adjustable spring pockets allowed.
10. Camber has been changed on front wheel drive vehicles to the following: Right front 2", Left front "1, rear-end straight up and down, maximum 1/2" tolerance on rear only. All camber will be measured on the rim with a digital indicator and a framing square. Measurements will be taken with driver seated in the car. The only correct place to measure your camber is in the tech building.
11. All rear wheel drive cars are allowed 2" of camber on the right front, 1" on left front, and rear-end straight up and down with a tolerance of 3/8" on right rear, and 0 camber on the left side.
12. Altering of suspension components and/or mounting points to get your 2" of camber is legal. Any Modifications to achieve the 2" maximum must be approved by tech..
13. Camber will be measured with driver in the car.
14. Tech officials reserve the right to adjust due to damage.

15. Wheel base must remain within 1" side to side, rear ends will be straight up and down.

### **ROLL CAGE AND SAFETY REQUIREMENTS:**

1. Minimum size of roll cage tubing is 1 1/2", .095 thick.
2. Minimum four point cage required.
3. Hatchback type chassis may not have tubing extending beyond the rear axle.
4. All cars must have trunk area sealed.
5. Cars may be braced from the front roll cage to the rear of the front strut towers, and from the rear of the roll cage to the front of the rear strut towers. Left and right side bracing is allowed.
6. Four curved bars in driver's door and three bars in passenger door are mandatory.
7. A horizontal bar is highly recommended from between the two uprights and the dashboard bar.
8. Seat must be an aluminum racing seat bolted to a steel frame connected to cage in original position. Must have six (6) – 3/8" bolts, grade 8 with washers. One must be in each corner of the seat (2-3" from the outer edge) and two in the headrest.
9. No seats may be bolted directly to the floor board of your vehicle. You must have a steel seat frame of some sort.  
A support brace must be installed in the rear of the seat.
10. If battery not mounted in stock position under hood, it must be mounted in a safety box that is securely mounted behind the driver.
11. All cars must have a safety cut-off switch on dash or drivers right side crossbar. Must be within reach of the driver and accessible to safety crews from both sides of the car.
12. All cars must be equipped with a minimum five (5) point harness system.
13. **Maximum allowable age for belts is three (3) years.**
14. Belts are not legal without date tags.
15. All vehicles must be equipped with an approved window screen, equipped with a quick release device. No string nets allowed.
16. A working fire extinguisher with a working sight gauge is mandatory. It must be attached within reach of the driver and accessible to the driver while strapped in. It must be located in the center of the car so that it may be reached by safety officials from both sides of the car. Must be securely mounted with a quick release mounting bracket. Zip ties and duct tape are not allowed.
17. All cars must be equipped with Lexan gas splashguard behind the driver's seat. 1/8" lexan mounted to cage behind drivers seat. Works to keep gasoline off from driver in case of fuel cell disruption.

18. Stock fuel tank allowed.
19. Stock fuel tank may be replaced with fuel cell. Fuel cell must be enclosed in steel canister. Fuel cell must be held in place by a minimum of four (4) 1" X 1/8" flat steel straps.
20. Minimum five (5) gallon fuel cell allowed. Maximum twelve (12) gallon fuel cell allowed. Fuel cell must be mounted in the center of the trunk floor.
21. All fuel lines passing through the interior of racecar must be enclosed in steel conduit.
22. All fuel cell vent lines must have a check valve.
23. Center of steering wheel must be padded.
24. All roll bars within drivers reach must be padded.
25. Full firesuits are required. Tech Officials may require you to replace your firesuit if it is full of holes or covered in oil and/or grease.
26. Racing helmets must be DOT or SNELL approved.
27. The following safety items are highly recommended: Full faced helmet or goggles. fire retardant shoes, socks and undergarments. Foam neck braces, Hans or Hutchens devices are highly recommended.
28. Scanners are mandatory. **NO TWO-WAY RADIOS ALLOWED.**
29. Gloves are **MANDATORY** in all divisions.

### **ADDITIONAL RULES FOR PICKUP TRUCKS:**

1. Two wheel drive trucks only.
2. Rear-ends may be locked or welded.
3. Beds may not be enclosed.
4. Rear sway bar not allowed.
5. Chassis may be lowered (for safety) within limits of stock suspension components, (lowering blocks only). Must be same from side to side. & front to rear.
6. Number of leaf springs must be the same from side to side. No poly-carbonate leaves allowed.
7. Maximum lowering blocks 1" including any wedges.
8. Minimum ride height for pickup trucks is 5".
9. Fuel cell must be mounted in the pickup bed, centered between the wheel wells of the truck. Must be enclosed in a 22 gauge steel container.
10. Battery will be located to the right of the center line of the rear window, and to the front of the truck bed. It must be fully enclosed and securely anchored.
11. All other Bandit rules must be followed.

### **NUMBERS & PAINT SCHEMES:**

1. All cars must be neat appearing, painted in contrasting colors.
2. Lettering will be neatly done. No Profanity allowed!
3. Numbers will be at least 18" high. There must be numbers on each side of the racecar. There must be a number on the roof, lettered to be readable by scorers on right hand side of the racecar. There must be a 4" number on the upper left passenger side of the windshield, a 4" number on the right front headlight cover, and a 4" number on the right rear tail light cover.
4. The head scorer reserves the right to ask race teams to make their numbers more legible. You will have one week to comply. Failure to comply will result in your car not being scored.

### **DRIVER ELIGIBILITY:**

- A. Scanners are mandatory in all cars in this class. Absolutely NO 2-way radios allowed. Anyone caught using scanner system improperly will lose all points and monies for the week, face a two week suspension and fined \$250.00.
1. Any driver must be a minimum of 14 years of age by June 1, 2011 to start racing on opening day in the Bandit division. Anyone 13 years of age may start in the Youth division and move up to the Bandit class upon turning 14 years of age after June 1, 2011.
2. All drivers must be willing to submit to an alco-sensor test if deemed necessary by Track Officials. Failure to submit to test meets automatic license suspension and immediate removal from Speedway grounds.
3. All rules are subject to change by the Director of Competition. It is the responsibility of the competitor to obtain and become familiar with the rules pertaining to the division he/she competes in along with General Rules and written race procedures. If there are any major changes in the rules, a memo will be mailed to each competitor. You will be expected to comply by the next race date, or the date mandated in the memo. It will also be updated on our website.
4. When you sign your license application, you have signed that you understand the rules and will abide by them.
5. The rules and/or regulations set forth herein, are designed to provide for the orderly conduct of racing events, and to establish a minimum acceptable requirements for such events. These rules are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator or an Official. All rules clarifications are void from the previous seasons, and cannot be used in the 2011 season at CFS.

**6. In the case of failure to pass tech due to presumable on track damage it will be up to the car crew to prove and at the discretion of tech weather the car will or will not pass tech due to on track damage.**

**ANYTHING NOT MENTIONED IN THESE RULES SHALL REMAIN OEM STOCK FOR MAKE OF VEHICLE USED UNLESS APPROVED BY TECH. IF IT DOESN'T SAY IT IN BLACK AND WHITE, DO NOT DO IT!!!!**

All Tech Dicions are Final. The Tech Team Reserves the Right to Make any Changes that Need to be Made for the Best Interest of Competition.

**PENALTIES:**

The discretion of the tech department in all matters concerning these rules will be final, and in all cases, all penalties will be determined on a case by case basis by the Contest Board.

**NEW 2011 PURSE:**

1 <sup>st</sup>	\$125
2 <sup>nd</sup>	\$100
3 <sup>rd</sup>	\$ 75
4 <sup>th</sup>	\$ 60
5 <sup>th</sup>	\$ 50
6 <sup>th</sup>	\$ 40
7 <sup>th</sup>	\$ 35
8 <sup>th</sup>	\$ 30
9 <sup>th</sup>	\$ 30
10 <sup>th</sup>	\$ 30
11-24 <sup>th</sup>	\$ 25