

INSPECTION SHEETS FOR MINI STOCK AND SEMI PRO

This is a list of what our Tech Inspector will be checking off in order for you to pass inspections. Safety stickers will not be given nor will cars be allowed on the track if anything on the list is not done, no matter how minor.

1. Helmets, Snell 2005 or higher
2. Approved fire suit
3. Kill switch, yellow
4. Fire extinguisher in good charge and quick release holder
5. Battery in battery case, battery cables through rubber sleeves in firewall
6. Fuel lines through rubber sleeves in trunk floor
7. Fuel line & Brake lines protected
8. Fuel vent line must loop 3" above tank and exit through floor
9. Gas tank and fuel cell mounted secure (with 20 gauge firewall)
10. Exhaust exiting behind driver and clear of any fuel or break lines
11. Window net, anchored at bottom
12. Windshield vertical support bars
13. Drive shaft painted white
14. Drive shaft safety hoop adequate
15. Brakes working on all four wheels
16. Wheels, reinforced right front wheel with large wheel studs
17. Hood pins only in hood and trunk (may still hinge if preferred)
18. Seat belts minimum 5 point mounted with no less than 1/2" bolts. Must be mounted to the roll cage. 3 year expiry for CM & Pro.
19. Roll cage and gussets at all corners
20. Driver seat aluminum. Mandatory in all classes, must be mounted to the roll cage.
21. Body appearance in acceptable condition
22. One Way Receiver radios mandatory for all classes.

Any Questions Regarding Rules Contact

Ted - 819-669-5452 after 6:30 pm

Marcel - 613-360-2271 after 6:30 pm

CORNWALL MOTOR SPEEDWAY

SEMI PRO RULES 2014

CAR ELIGIBILITY

Any North American made car, 1975 or newer, no trucks, convertibles, two seater sports cars, no four wheel drive cars allowed, no front wheel drive. Minimum FACTORY stock wheel-base 105".

BODY

- 1. Entire body must remain as complete and stock as possible. No additional exterior body work of any kind, body must remain stock appearance and contours.**
- 2. Fender wells may be cut out for tire clearance only.**
- 3. Full front firewalls must remain stock. Unibody cars must have front and rear connected with 2" X 2" tubing.**
- 4. Rear window shelf must be sealed off from the drivers compartment with a minimum 20 gauge steel.**
- 5. No closed in cock-pit. Floor may be raised no higher than drivershaft tunnel for exhaust.**
- 6. All doors must be welded shut.**
- 7. Front windshield area must be covered by a 1" heavy gauge screen, no chicken wire.**
- 8. Any dark colored cars must have a bright contrasting color.**
- 9. Trunk floor may be altered from behind the rear firewall.**
- 10. Aftermarket body panels may be used (steel only). Hood may be fiberglass, roof must remain stock. Aftermarket nose and tail piece allowed, NO LATE MODEL BODIES.**
- 11. All cars must have an adequate tow hoop or chain in the front and rear for towing purposes.**

CHASSIS AND SUSPENSION

- 1. No altering of frames for any reason, frames can be reinforced, the rear frame section maybe replaced or repaired from the center of the rear-end housing back. No altering of the chassis or suspension design or location.**
- 2. Springs must be stock and remain in stock location, springs must match coil for coil, leaf for leaf, etc.**
- 3. One shock per wheel, no heim joint shocks. Shocks may be remounted to non-stock location, but suspension parts may not be cut or altered in any way. Standard aftermarket A-arms allowed. (NO RACE SHOCKS FOR THE 2015 SEASON AND BEYOND)**
- 4. Stock front and rear suspensions only. No racing coil or leaf springs. Standard aftermarket A-arms allowed.**
- 5. Any stock production rear-end allowed (no floater).**
- 6. Minimum weight with the driver after race with no fluids added 3,250 lbs. No more than 200 lbs bias weight to be added.**
- 7. Adjustable jack bolts allowed on rear of car, one per side.**

TIRE WHEELS

- 1. Any 3" or 4" offset steel wheel 10" maximum allowed, stock bolt pattern only. Racing nuts on all wheels mandatory. No bead lock.**
- 2. Stock passenger type tires only, no truck or snow tires, no recap/mud tired allowed,. Tire must not exceed 10" tread width Hoosier E-Mod tires permitted not to exceed 8".**
- 3. No special racing tires regardless of DOT number. No grooving.**

BUMPERS

- 1. All cars must have a stock appearing front and rear bumper at all times.**
- 2. All collapsible bumpers must be welded. Tow hoop front and rear mandatory.**
- 3. Any reinforcing must remain behind the grill and bumper area.**
- 4. One nerf bar (rub rail) is acceptable not higher than 18" from the ground with "1" tolerance. Must not stick out past the tire and no bigger than 1 1/2" with no sharp edges. MUST BE FLUSH TO THE BODY. If possible turned in at the ends.**

TRANSMISSIONS

- 1. Stock manual or automatic transmissions, no altering of any kind, must be mounted in the stock location using stock mounts.**
- 2. Stock clutch assembly only with steel flywheel. Clutch disc and flywheel must be for the size engine being used.**
- 3. Stock torque converters only, must be for that size engine being used, fluids must be retained in the torque converter.**
- 4. Transmission coolers will be allowed, but must be mounted in a safe location, outside drivers compartment highly recommended.**
- 5. All cars must have a reverse gear in working order.**

APPEARANCE

- 1. All cars must be neatly and brightly painted.**
- 2. Numbers must be 24" high minimum and be on both doors and roof.**
- 3. All cars must be kept clean and as dent free as possible, excessively dented panels must be repaired or replace, not removed.**
- 4. No profanity of any kind will be allowed on the car.**
- 5. All lettering on the car should look professionally done, not with a brush.**

SAFETY

- 1. Racing seats with shoulder straps are mandatory. Seats must be securely fastened to the frame with a minimum of (6) 3/8" bolts, (4) on the bottom and (2) on the back, padded head rests are mandatory.**
- 2. Five point seat belts properly bolted, mandatory, no more than 5 years old.**
- 3. Fuel Cell must be securely fastened in the trunk area on top of a suitable metal frame section. All tanks must be fastened with a minimum of (3) solid steel straps 1 1/4" by 1/8" with 3/8" bolts minimum capacity for fuel cells is 15 gallons. Fuel cell is mandatory. Gas lines must be securely fastened, steel braided fuel line optional, Fuel shut off valve must be within drivers' reach. NOT COVERED. Labeled ON/OFF in bright colors is highly recommend.**
- 4. Four wheel brakes are mandatory and must be working at all times. No shut-offs, stock proportioning valves only.**
- 5. Batteries must be safely and securely installed outside drivers' compartment. Terminal ends must be covered in rubber.**

6. No mirrors allowed.

7. A drivershaft sling must be located within 6" of the front U-joint, sling must be made of 3/16" x 2" steel or 3/8" chain fastened with 3/8" bolts minimum.

8. CSA approved helmet is mandatory, 1980 snell or newer, eye protection in the form of a full face helmet and gloves are mandatory. Approved fire rated firesuits are mandatory, (no overalls). Fire resistant underwear, arm restraints and racing shoes highly recommended.

9. Window nets are mandatory on the drivers side and must be fastened by a minimum of one (1) quick release rod.

10. DRIVE SHAFT MUST BE PAINTED WHITE FOR SAFETY.

11. Drivers required to have a full fire extinguisher in reach of the driver.

12. No sharp objects in drivers reach to discretion of inspectors.

ROLL CAGE

1. A complete (6) point roll cage is mandatory and with a minimum of (3) door bars per side. The drivers' side bars must be bowed out, cage must be made of black iron pipe or steel tubing, no soft steel, minimum size 1 1/2 O.D. and 1/8" wall thickness. Door bars must be connected by at least (2) rows or vertical bars. All main supported forward and back, cage must be full width of the frame rails and the roof section upright must go from the dash in the front to behind the drivers seat.

2. All bars within 18" of the driver must be padded. All drivers must have a minimum of 2" between their head and the top of the roll cage. Welding on cage should be need to the discretion of inspectors.

ENGINES

602 Crate motors allowed with the adaptor plate BRP377 to run 4412 car, 602 crate motor is subject to the same rules as the DIRT sportsman. It is our recommendation that you purchase a new crate motor. That being said, if a used crate motor is purchased it must conform to the crate motor rules. If it is found to be illegal by the Tech Inspectors, as per the DIRT sportsman rule book, suspension could follow. Therefore, BUYER BEWARE"

1. Engines must remain stock as manufactured. Maximum cu. In 360. All motors will be allowed up to .060 overbore, stock bore and combinations only.

2. A) Stock cast iron exhaust manifold with 5' of 2 1/2" exhaust pipe,

aftermarket street header allowed.

B) Intake manifold must be cast iron 2 barrel intake manifold stock passenger car only. No porting, polishing, welding matching or acid dipping.

3. Stock (2) barrel carburetors up to 1 11/16" inch throttle plate, box stock 4412 (optional). Choke plates can be removed, standard adaptor plate allowed.

4. Camshafts must be hydraulic with no more than .450 lift at the valve and 300 lift at cam with stock OEM rocker arms.

5. Stock ignition maybe used, stock coils only.

6. Engines must remain in the stock location.

7. Flat top pistons only. If using oversize pistons, stock OEM type replacements pistons must be used, no lightweight or racing pistons. Must have 4 valve relief.

8. All internal parts must be stock type OEM for the engine being used. Any parts listed exclusively in a performance parts catalogue are not allowed, regardless of manufacturer.

9. Radiator must be in stock location.

10. (Heads) stock cast iron with no porting, polishing, angle cut or matching, Chevy vortec heads with casting number 062 or 906 with 1.94 intake valves and 1.50 exhaust valves will be allowed. Must comply to all dirt crate 602 rules. No Bowtie or SVO or Mopar performance will be allowed. The only work that can be done is shaving up to 040 and a three angle valve job.

11. All cylinder head, engine block and intake manifold must have original part number stamp.

12. Absolutely no modifications allowed. Fuel Gas only, no additives. Top 5 cars are required to cross the scales before entering the pit area, Additional cars maybe required at the discretion of the officials. Any car not conforming will be subject to disqualification at the discretion of officials. PROTEST: cube check or visual, =one item=\$100 / other items=\$200 per item. PROTESTS: SEE THE DIRT RULE BOOK for all ON AND OFF TRACK RULES. All rules will be interpreted by the officials, not by the drivers and owners. The management reserves the right to change any rule or rules at any time if the feel it is necessary. The speedway has the right to check any car at any time for technical inspections. All procedural rules listed in the current DIRT Rule Book will apply.

***DRINKING IN THE PITS is not permitted during any race event. You are personally responsible for anyone associated with your car. If you or anyone associated with your car is found to have been drinking alcohol (beer, etc.) you and your team will be escorted off the premises for that night and possible total suspension of the car and crew.**

****ANY AND ALL DECISIONS OF THE TECH INSPECTORS ARE FINAL.**

****THE MANAGEMENT RESERVES THE RIGHT TO REJECT ANY ENTRY AT ANY TIME.**

**** WHEN BEING TECHED ONLY 2 PERSONS IN TECH AREA.**

****ALL CARS MUST HAVE DRIVER'S LAST NAME UNDER THEIR NUMBER OR IN THEIR NUMBER ON BOTH SIDES.**