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2014 Rookie Cars Dirt Capitol LLC DIVISION SPECIFICATIONS

1. RACE PROCEDURE:

- A. 11 Competitors and under will have a second warm up session that will be under time.
- B. The fastest time will draw first.
- C. All 11 competitors will draw for feature starting positions.
- D. If there are 12 competitors or more then we will run heat races
- E. One way radios mandatory in 2014.
- F. Transponders mandatory in 2014.

2. CARS/MODELS:

- A. 1980 or newer 4 cylinder front wheel drive 4 passenger 2 or 4 door sedans are allowed.
- B. No rear wheel drive vehicles allowed.

3. BODY:

- A. Wheelbase must remain within +/-1/2 inch of stock factory wheelbase.
- B. The body, frame and suspension must remain completely stock
- C. No Bracing allowed anywhere.
- D. All cars must have a hook or other means, front and rear, for a wrecker to hook to.
- E. Body must remain stock unless stated below.
 - 1. Plastic front inner fenders may be removed. All metal inner structure must remain stock.
 - 2. All door inner shells must remain intact except driver's door to allow for cage.
 - 3. All doors must be welded shut.
 - 4. All door jambs and lock pillars must remain stock.

5. Hood and deck lid must remain stock even the hinges must be stock and in working order. A minimum of 2 steel hood pins must be used to secure the open side of the Hood and deck lid.
6. Firewalls must be stock front and rear. Do not remove anything. Rear firewalls must remain stock and covered top to bottom with aluminum or steel.
7. All interiors must be removed along with flammable material (seats, headliner, carpet, door panels, etc.)
- F. The dash must remain complete and stock. The radio and heater/ac controls may be removed.
- G. Stock steering column required.
- H. No front or rear spoiler allowed.
- I. No air ducts, scoops, etc

4. FRAMES:

- A. All frames and sub-frames must be stock.
- B. No reinforcements allowed.
- C. The stock steel floor pan must be unaltered.
- D. Frame rails and sub frames must be stock for make model.

5. ROLL CAGE:

- A. 4 or 6 point roll cage. Must be attached to (4) or (6), ¼ by 2 ½ steel plates welded to frame rails.
- B. Driver's door must be reinforced with 3 door bars (1 ½ by .095 wall seamless steel tubing)
- C. Only remove enough metal from the driver's door to insert roll bars. No sharp edges.
- D. Driver's door bar(s) and all bars within drivers reach must be padded.
- E. Door bar(s) on driver's side may be plated outside with 1/8 steel.
- F. No bars may go through firewall or rear compartment into trunk.
- G. X Bracing behind driver's seat mandatory
- H. Window post bars mandatory
- I. Brain bar mandatory

6. GLASS:

- A. All glass & lexan removed. Screen or 4 bars or both in front of driver at windshield location.

7. WEIGHT:

- A. No weight can be added to any location on car.

8. ENGINE:

- A. 4 cylinder engines only, no quad 4, twelve valve, turbo or super charged engines.
- B. Must be completely stock for year model with stock engine mounts.
- C. NO aftermarket high performance parts allowed. All parts must be OEM.
- D. NO dual overhead cams allowed.
- E. Compression can't be raised more than 1/2 point over stock for that make and model--compression will be checked with a Katech Whisler
- F. Engine displacement must be stock as manufactured.
- G. No polishing or weight reduction of internal engine components.
- H. All OEM cast number must remain intact and unaltered.
- I. Stock or stock replacement pistons only.
- J. No oil coolers or remote oil filters.
- K. Stock production only.

9. ENGINE LOCATION:

- A. It needs to be in the original location from stock.

10. CYLINDER HEAD:

- A. Heads must remain stock.
- B. All related parts must remain stock for make of engine.
- C. No high performance or high compression heads allowed.

11. CAMSHAFT:

- A. Stock factory production camshafts only.

12. INTAKE MANIFOLD:

- A. Stock production for make and model.
- B. No aftermarket manifolds allowed.

13. CARBURETOR/FUEL INJECTIONS:

- A. Must remain stock.
- B. No turbo or super chargers.

14. CARBURETOR SPACERS:

- A. No aftermarket spacers allowed.

15. AIR CLEANER:

- A. Air cleaners must be stock

16. ENGINE -CAR ELECTRICAL SYSTEM:

- A. Only standard electrical system allowed.
- B. No aftermarket or high performance components allowed.
- C. Stock ignition chip must be used.

17. BATTERY:

- A. Only one (1) 12V battery allowed.
- B. Battery must be located under hood or in trunk in secured battery box.

18. COOLING SYSTEM:

- A. Stock cooling system only.
- B. No antifreeze.
- C. No racing radiators.
- D. Stock fans only.
- E. Fans may be wired to run continuously.
- F. A/C system must be discharged.
- G. Condenser and pump may be remove

19. EXHAUST SYSTEM:

- A. Exhaust must be factory stock for year, make, and model.
- B. Exhaust pipe must extend past driver to side of car and maintain a minimum of 6" ground clearance.
- C. Only one (1) exhaust pipe permitted.
- E. All cars are required to be equipped with Mufflers
- F. No headers allowed except for Ford GT Escort can use OEM header only

20. TRANSMISSION:

- A. Transmission must remain completely stock for make and model.
- B. Manual or automatic allowed but must not be altered.
- C. All forward and reverse gear must be operable from driver's compartment.
- D. Flywheels must be stock and not modified

21. TRANSAXLE:

- A. Must remain completely stock for make and model.
- B. No locked differential.

22. TIRES:

- A. All tires must be DOT approved tires.
- B. No Racing tires allowed
- C. Passenger Car tires only.
- D. No Performance or Low Profile Tires allowed
- E. All tires must be same size
- F. No altering of thread patterns by any means
- G. No grooving, siping, altering of tire compounds by any means or soaking of tires
- H. All tires must punch 60 or harder on tire durometer
- I. Tires must have Brand name, Size and rating present

23. WHEELS:

- A. Production type wheels only
- B. No aftermarket wheels of any kind permitted

24. SUSPENSION:

- A. Suspension parts must remain stock for make and model, no spacers etc.
- B. Racing springs allowed but must be stock length and diameter
- C. Bushings must be of OEM rubber
- D. Shocks must be mounted in exactly as stock.
- E. NO RACING SHOCKS
- F. Steel body shocks only
- G. The only exception is the right front wheel which can be modified to maximum of 5 degree's of camber
- H. NO MODIFYING OF REAR SUSPENSION, AND REAR END MUST BE SQUARE IN CAR

25. STEERING:

- A. Stock steering components only, stock steering column only, removable steering wheel optional.

26. BRAKES:

- A. Standard production brake components only.
- B. No brake bias or balance bar allowed.
- C. Brakes must work on all 4 wheels at all times.

27. FUEL SYSTEM:

- A. No additives.

- B. Fuel cell recommended, 8 gallons maximum.
- C. No outside filler neck.
- D. Fuel cell, if used, must be mounted in trunk area and be strapped and bolted down to the trunk floor.
- E. Fuel cell cannot be recessed into trunk floor.
- F. All gas lines must run under car.
- G. Minimum 4 straps on fuel cell, 2 in each direction.
- H. An external electric fuel pump may be used and must be mounted in the trunk in a safe manner and wired to oil pressure gauge or oil pressure switch.

28. FUEL:

- A. No racing fuel of any kind.
- B. Pump gas only
- C. Fuel can be checked at anytime

29. SAFETY:

- A. The use of at least a DIRT approved five point seat belt system including a crotch belt is required.
- B. The system is to be mounted to the frame and not to the floor pan.
- C. The mounts must be run at the same direction, as the belts are intended to secure the driver.
- D. The belt webbing must be protected from any sharp cutouts in the sheet metal or any other sharp edges.
- F. Seat belt webbing that comes into contact with any sharp or unradiused metal edge must be protected from that edge by means of push on grip vinyl trim.
- G. The areas of concern are the webbing slots in the metal racing seats.
- H. All the seat manufacturers either roll the edge or supply the seat with trim protecting the webbing from abrasion or cutting under impact conditions.
- I. Webbing entry slots into the seat with an existing metal roll of 1/8 inch smooth radius will not require vinyl trim.
- J. The areas where the webbing slot has been enlarged by filing or cutting are of particular concern.
- K. In most instances the edges have been left sharp, increasing the incidence of belt failure.
- L. As racing seat belts are subjected to severe conditions, it is encouraged that worn/frayed belts are replaced immediately and undamaged belts are replaced every 24 months.
- M. The date sewn into the webbing should be used as a guide.
- N. Where the seat belt date is known to be “new old stock”, it is acceptable practice to extend the replacement date on that set of belts to 36 months from date of manufacture.
- O. Belts older than 36 months will not be permitted for the 2014 season.
- P. Damaged belts will also not be permitted.
All belts shall be of the quick release type, no thread through type belts will be permitted.

- Q. There must be no sharp or protruding edges in or around the cockpit, which would impede the driver's rapid exit from the car.
- R. A headrest (behind the head) with padding is required.
- S. Driver suits are mandatory. Double layer HIGHLY RECOMMENDED.
- T. Driver gloves & shoes are HIGHLY RECOMMENDED.
- U. Any modification to the helmet, for any purpose, should not detract from its effectiveness.
- V. Neck collars or similar restraints are suggested.
- W. Flame retardant seat, roll bar, knee and steering pads or padding are recommended.
- X. An undamaged Snell SA 2000 or newer spec full face helmet is mandatory for ALL events including but not limited to track packing, warm ups, and competitive events.
- Y. Driver's suits, gloves, shoes and helmets must be presented at Tech inspection.
- Z. There must be a marked electrical kill switch in reach of driver.
- AA. All crews must carry an operable fire extinguisher of 20 pounds marked with the car number in 2 inch numbers/letters in the rear of their transporter, capable of extinguishing gas and oil fires.
- BB. No batteries located in the driver's compartment.
- CC. Battery MUST be in box and strapped securely
- DD. NO driver shall compete in any event with head or arm extended outside of a closed body race car.
- GG. Fire extinguisher must be mounted within drivers reach.
- HH. All drivers must attend the driver's race meeting each week.
- II. Master Kill switch is Mandatory
- JJ. This kill switch must have a bright circle or contrasting color around it for easy access and recognition for the emergency personnel.

30. WINDOW NET:

- A. A driver's side window net must be installed with quick release per Dirt Capitol LLC rules.
- B. No rope window nets allowed.

31. MIRROR:

- A. No mirrors allowed.

32. APPEARANCE:

- A. All cars must comply with the following identification and markings requirements:
 - 1. Numbers must be at least 18 inches high and neatly painted or decal on both sides of the car on the center of door.
 - 2. A number 18 inches high must be painted or decal on the roof, reading from the right side of the car.

34. DEVICES:

- A. Adjustable ping control devices, dial a chip controls, timing controls, or automated throttle controls are NOT permitted in the cockpit or any other position accessible to the driver.
- B. Any remote controlled components inside or outside the cockpit of any competitor's race car are NOT permitted.
- C. No data acquisition systems are permitted.
- D. Any competitor found with any of the above will be fined could be disqualified and suspended for up to a year.

35. DRIVER COMPARTMENT:

- A. A full metal firewall must encompass the driver's compartment from front to rear, on both sides and the floorboards. Aluminum or sheet metal is required.
- B. The driver's seat must be of a proper high back aluminum racing seat design, located on the left side of the car and securely attached to the frame.
- C. This seat must incorporate a padded headrest.
- D. A right side padded head rest must be incorporated in the absence of a head net or padded head support attached to the roll cage..
- E. All cars must have a working starter, operated from inside the car.
- F. No radios are permitted in the car or on anyone connected with car.
- G. The edges around the driver's cockpit must be suitably protected with trim or beading.
- H. Care must be taken not to have any sharp, jagged or rough fasteners, brackets or anything else that could snag the driver's suit when the driver exits the car.
- I. A substantial rock guard steel screen must be mounted in front of the driver to protect him from flying debris, and rocks.

36. MISCELLANEOUS:

- A. No car will qualify without Tech Inspector approval.
- B. All cars must be available for inspection prior to the advertised time of the driver's meeting.
- C. Following the drivers meeting, covers of any type are prohibited until the feature is completed.
- D. All race cars are subject to inspection by officials at any time.

37. PENALTIES:

- A. At any time the conduct of any team member or driver is a discredit to the speedway, the racing industry, or to himself, he may be removed from all racing activity at the speedway.
- B. The driver is responsible for all the people associated with his car or signed in with the car.

38. *NOTE:*

- A. This is a stock class, if it doesn't say you can do it, then you CANNOT do it. This is to be a Rookie Class, this class is formed and at the speedway to be able to help drivers to get involved in our sport at a minimal cost. And we also want our drivers to achieve goals and get the experience that they need to be able to move up into one of our four upper divisions.

THE OFFICIAL'S INTERPRETATION OF THESE RULES SHALL BE ACCEPTED AS BINDING.

NOTE: ANYTHING NOT COVERED IN THESE RULES WILL BE UP TO THE DISCRETION OF THE SAFETY OFFICIALS WITHOUT RECOURSE FROM DRIVERS OR OWNERS. ALL OF THE PRECEDING RULES ARE SUBJECT TO REVISION. THE OFFICIAL IN CHARGE RESERVES THE RIGHT TO MAKE DECISIONS AND JUDGE ACCORDINGLY. RACE DIRECTOR HAS THE RIGHT TO REFUSE ANY CAR OR DRIVER THAT DOES NOT MEET SPECIFICATIONS.

Disclaimer

This technical rule packet maybe amended before or during the racing season if it is necessary. Any future edition of these rules will immediately supersede this one and have precedent over of the rule that is stated. The official management's interpretation of any rules on any unspecified areas will be final. The rules and/or regulations set forth herein are designed to facilitate the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These rules shall govern the condition for all events, and by participating in these events, all participants agree to comply with these rules and regulations. NO EXPRESS OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATION OF, OR COMPLIANCE WITH, THESE RULES AND REGULATIONS. They are intended solely as a guide for the conduct of the sport, and are in no way a guarantee against injury or death to participants, spectators, officials, or others. The Race Director shall be empowered to permit any reasonable and appropriate deviation from any of the specifications and procedures herein, or impose any further restrictions that in his/her opinion does not alter the minimum acceptable requirements. NO EXPRESS OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM ANY SUCH DEVIATION OR RESTRICTION OF THESE SPECIFICATIONS, RULES OR PROCEDURES. Any interpretation of, or deviation from, these rules is left to the discretion of race officials. THEIR DECISION IS FINAL.

ALL RULES ARE SUBJECT TO CHANGE AT ANYTIME!

**We hope to see you in the 2014 Racing Season at Hagerstown Speedway!
Good Luck to ALL racers!
Dirt Capitol LLC**