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2009 LIMITED PROSTOCK RULES

We will be following the 2009 DIRT Rulebook.

1 - Factory sealed crate engine Part #88958602 ONLY

- a) Crate engine option MUST remain as manufactured by GM. No overbore allowed. Must maintain stock 4" bore. Sleeve repair allowed with permission from LVS.
- b) Crate engine distributors MUST remain stock as supplied by GM (unaltered in any way).
- c) Engines may not have GM factory seals tampered with. Anyone found tampering with a crate engine may be suspended from LVS for up to one (1) year.
- d) Records of all repairs will be on file.
- e) Only GM replacement valve springs may be used - GM part#10212811.
- f) LVS Management reserves the right to tech, exchange or confiscate a crate engine at any time to ensure its legality. Failure to surrender the engine or submit for inspection equals disqualification from the event and an automatic LVS suspension with duration to be determined.

2 - CARBURETOR:

- a) 650 cfm Holley part numbers 4777 and 80777 are permitted or Holley HP Carburetor part number 80541-1.
- b) An 1-1/8" (including gaskets) unaltered single-hole carb spacer plate is allowed.
- c) 4777 and 80777 Option:
 1. Carburetor must maintain stock venturi and throttle bore dimensions: primary venturi 1-1/4". Secondary venturi 1-5/16".
 2. Carburetor must remain stock in all aspects including location.
 3. Booster height must remain stock (no cutting or polishing).
 4. No visible modifications without disassembly.
 5. Go/no-go gauge measurements valid on hot or cold carburetor.
 6. Carburetor maximum height measured from bottom of carburetor base to machined horizontal gasket surface of block will be 7" in both front and rear of block.
 7. Carburetor modifications permitted are listed below. Any other modification not mentioned is not legal.
 - Holes drilled in the throttle plates for proper idling.
 - Drilling, tapping and plugging of unused vacuum ports.
 - Welding of throttle shaft to linkage arm.
 - Drilling of idle or high speed air correction jets.
 - Milling of center carburetor body metering block surface maximum of .015" on each side.
 - Removal of choke plate and shaft.
 - The jets may be changed as needed.

3 - HP 80541-1 Option:

- a) Carburetor must remain "Box Stock", but may be adjusted using only Holley replacement parts.

- b) Adjustments allowed include: Jets, Bleeds, Needle and Seat, Emulsion Bleeds, Power Valves, accelerator Pump Nozzles and Accelerator Pump Cams.
- c) Physical alterations of carburetor parts (Boosters, Throttle Plates, Throttle Body, Shafts, Metering Blocks, etc.), or alterations by machining or reshaping are not permitted. The use of epoxy or coatings of any kind is strictly prohibited.

4 - IGNITION:

- a) Stock OEM (Original Equipment Manufactured) distributors only are permitted. Rev box must be under hood. Black wire grounded to motor only.
 - b) No trigger ignition. Rev box chip must face up & be taped in.
 - c) On H.E.I. ignition systems, the coils must be OEM and remain in the distributor.
 - d) Option A must remain factory
 - e) On H.E.I. ignition systems, the coils must remain in the distributor.
 - f) When hood is removed rev box must be in clear view. No cover over motor.
 - g) The fitment of one (1) unaltered LVS approved MSD/DIRT rev limiter part number 87286 with a LVS 6200 chip required. Rev box must be in working order before, during and after a race event.
 - h) Only one 12 volt battery permitted, which may not measure at more than 14.3v. No step up transformer or any other devise that increases the voltage will be allowed.
 - i) OEM firing order must be retained. Chevy 18436572.
 - j) No traction control devices are permitted. No form of braking devices that control traction. NOTE: LVS reserves the right to confiscate or switch ignition boxes at any time or race.
 - k) Ignition box violators are subject to suspension and/or expulsion from LVS.
- **TIRES / WHEELS:** you will be required to run one piece steel wheels with a max width of 10" only. You will be allowed to run up to a 10" maximum width tire.
 - **WEIGHT:** You must weigh a minimum of 2900 lbs. There will be no 2% tolerance.
 - **FUEL:** Maximum 94 octane pump gas. NO ADDITIVES.

LEBANON VALLEY SPEEDWAY MANAGEMENT WILL NOT ACCEPT A VISUAL PROTEST AFTER THE START OF THE MAIN EVENT. ALL VISUAL PROTESTS MUST BE MADE PRIOR TO THE MAIN EVENT.

ALL ILLEGAL PARTS WILL BE CONFISCATED AND THEREFORE THE PROPERTY OF LVAR

THE CRATE REPAIR PROCEDURE IS BEING FINALIZED & DETERMINED. THE REPAIR PROCEDURE WILL BE RELEASED SOON.