



Lebanon Valley Speedway
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2018 SMALL BLOCK MODIFIED

1. ENGINES:

OPTION 1: Non-Ported Brodix Spec Heads open intake an exhaust per dirt car rules. **Weight 2500 lbs., Chevy, Ford and Chrysler.**

OPTION 2: Non-Ported Brodix Spec Heads, Spec intake manifold, Beyea or Schoenfield headers per dirt car rules. Weight 2400lbs.

OPTION 3: Dirt W-16 engine allowed per dirt car rules Weight 2350.

CARBURETORS: Must be the 4150 series, center-sections must be holley. No billet center-sections. No carburetors that have adjustable secondaries from the cockpit. Maximum height of the carburetor will be the dirt spec 7 inches from the horizontal surface of the block to the bottom of the carb.

GEAR RULE: The gear rule a 5:44 not the dirt rev box. The W-16 gear is still under research.

COMPRESSION RATIO:

- 10.5 Maximum on both spec engines.

2. Must have an MSD ignition, Magneto or HEI. NO TRIGGER IGNITION.

3. Spark Box (rev. limiter) optional.

4. NO DRY SUMP ENGINES!! APPLIES TO ALL DIVISIONS.

5. VP FUEL ONLY!

RACE PROCEDURES FOR SMALL BLOCK MODIFIEDS:

- 6 cars will be handicapped from the heat races.
- Any driver winning a feature will start no greater than 6th starting spot.
- Any car that appears to have an unfair advantage over the rest of the field as a last resort may have weight added per the discretion of the Lebanon management.

ONCE AGAIN THESE ARE THE ONLY EXCEPTIONS, ALL OTHER RULES ARE BY THE DIRT RULE BOOK MAKE SURE YOU READ IT. PAY SPECIAL ATTENTION TO RULE 15.1.2. CYLINDER HEADS AND INTAKE MANIFOLDS, OPTION A&B NOT C BECAUSE WE DO NOT ALLOW CAST IRON HEADS. TEMPLATES WILL BE USED TO CHECK BODY SPECS PER THE DIRT RULE BOOK. ALSO THE ONLY FUEL ALLOWED WILL BE VP-D-113, VP-D-12, VP-D-109. NO FOREIGN SUBSTANCES ALLOWED TO BE ADDED. TIRE SAMPLES WILL BE TAKEN AT SOME TIME. ENGINE COMBINATIONS PER DIRT RULES ON BLOCKS, BORE & STROKE READ THEM, FOR INSTANCE CRANK STROKE IS 3.480 EVEN THOUGH 3.5 IS EASIER TO PURCHASE, 3.480 THE ONLY ONE ALLOWED

6. Your options weight designation needs to be visibly displayed on both sides of the cowl. Wrong weight class designation will result in disqualification.
7. The only rear end allowed will be the quick change style that have movable quick change gears when the ring and pinion moves. No rear ends allowed that in one piece without quick change gears that account for the final ratio. Transmissions will be checked and all gears as needed. Transmissions will be removed if necessary.

Listed below are the ONLY four (4) Cast Iron blocks permitted! NO ALUMINUM.

1. O.E.M. Chevy and Bowtie Performance
 2. O.E.M. Chrysler and R Performance Block
 3. O.E.M. Ford and SVO Performance Block
 4. Dart Performance (Little M) and SHP Block
- CHEVY 350 C.I. Part# HV1000 Brodix or Older version HV1
 - CHRYSLER 360 C.I. & 340 C.I. Part# 2915 Edlebrock or Stock O.E.M. Part# P-4876829SR
 - FORD 351 C.I. Part# 2981 Edlebrock 9.5" deck height and Part# 2980 9.2" deck.

TIRES:

- See the DIRTcar Tire rule for Modifieds. – No Softs, DIRT Hard or Extra Hard (Hoosier Only). Any Front Tire. Minimum circumference = Left Rear 85", Right Rear 90"
- **WHEEL COVERS** – No wheel covers held on by dzus buttons or similar type fasteners will be permitted. Only wheel covers that are bolted to the beadlock or are part of the beadlock will be permitted. Foam inserts will be permitted.
- **Right Front D400 Only.**

DIRTcar 15.9 Roll Cage

F.) RECOMMENDED Frame/Roll Cage update by January 1, 2016: A piece of tubing, a minimum of 1-1/4" in outside diameter and .095"-inches in thickness, must be installed vertically and must extend through the car into the bottom frame rail or extend back to the union at the top of the door and rear main hoop joint. The tubing must be installed in a manner that does not impede the driver exiting the cockpit. The tubing must be mounted a minimum of 9"-inches and a maximum of 12"-inches on the roof bar from the existing rear roll cage hoop. This must be installed symmetrically on both sides of the roll cage. Existing cars must be retrofitted with this piece of tubing.

LETTERING:

- As per the DIRTcar rule 15.7.15 Section I: The letters of the driver's last name must be a minimum of 6"-inches in height and be positioned under, through and/or above number on both sides of the car.