



Small Block Modified Rules

BODY, SUSPENSION, DRIVE LINE AND SAFETY - FOLLOW THE DIRTCAR SMALL BLOCK MODIFIED RULE BOOK (<https://www.dirtcarmembers.com/downloads.php>) WITH THE EXCEPTION OF THE FOLLOWING:

FIRE SUPPRESSION SYSTEM IS MANDATORY, ALL SYSTEMS MUST MEET OR EXCEED SFI 17.1 SPECIFICATION.

MANDATORY WEIGHT CLASS ENGINE PACKAGE MUST HAVE DECLARED WEIGHT DISPLAYED ON BOTH LEFT AND RIGHT SIDE OF HOOD.

1. ONLY ENGINE PACKAGES ALLOWED (OCFS):

Option 1: Non Ported Brodix Spec Heads, open intake or exhaust – 2450 lbs TSP
(Ford and Chrysler)

Option 2: Brodix Non Ported Spec Heads, Spec Intake with Schoenfeld Spec Exhaust – 2350 lbs TSP

Option 3: **OCFS ONLY!!!** GM CT 525 Crate Engine, Part # 19171821 will be allowed.
NOTE: This Engine must remain stock sealed O.E.M. This engine must also Run with the O.E.M. electronic controller part # 19171130
2400 lbs TSP aluminum engine with or without Tri Y, optional exhaust.

Option 4: W16 ENGINE PACKAGE WILL BE 2250lbs TSP, optional exhaust
All weight packages may be adjusted in one (1) weeks' notice.

COMPRESSION RATIO:

*10.5 Maximum on both spec heads.

2. HEADERS:

GM CRATE CT525 and W16 ENGINE.

1. Schoenfeld Part # 1124VY, 1124VYLS1, 1124VLS1, 1124VLS1-3
2. BEYEA Part# NEDMSB-525US-D1, NEDMSBTY-525US-D1, NEDMSBTYUS-LS2

358 DIVISION FULL SPEC

1. Chevy: Schoenfeld Part # 1122BV, 1122BVSH-3, 1122BVUSH-3, 1124BV, 1124BVU
2. Ford: Schoenfeld Part # 3122B, 3122BU
3. Mopar: Schoenfeld Part # 4122B, 4122BU

358 DIVISION FULL SPEC BEYEA PART #'s

1. NEDMSB-S1-DL, NEDMSBUS-S1-DL, NEDMSB-S2-DL, NEDMSBUS-S2-DL

358 DIVISION PORTED INTAKE

1. Schoenfeld Part # 1122VY, 1124 VY
2. BEYEA Part #NEDMSBTYUS-D1-3, NEDMSBTYUS-S2-3, NEDMSBTYUS-S2-3.5

All 358 engine packages Henry exhaust is legal part #DMMMS3 & DMMS4.

NOTE--- All Spec motors must have a 9" minimum deck height. This will be measured the center of crankshaft to top of block surface. **Should any of these Options prove to have an unfair advantage in the class, total weights may need to be adjusted as needed.

1. Must have an MSD ignition, No Magneto. Magneto will be legal Eastern States Weekend. NO TRIGGER IGNITION except Option 4 at OCFS

2. **Carburetor must be Holley, base plate and bowls 4150 Series, not to exceed 650 CFM with the exception of the W16 Engine package must run a 4150 series Holley base plate and bowl, CFM optional. 525 Engine package must run a 4150 series Holly base plate and bowl, not to exceed 750CFM. All carburetor packages may be adjusted in one (1) week's notice.**
3. **Carburetor's will be tested with go/no go gauge.**
4. Spark Box (Rev Limiter) Optional
5. NO DRY SUMP ENGINES!!
6. VP Racing Fuel or pump gas ONLY!! No additives.
7. **Your option weight designation need to be visibly displayed on both sides of the cowl. Wrong weight class designation will result in disqualification.**

GEAR RULE (Not to exceed):

Both Spec Heads – 5:57 W16 Engine -5:57
 525 Engine Package – 5:20
 Gear rule may be adjusted in one (1) week's notice.

TRANSMISSION:

Input at engine to output at driveshaft must be the same one to one final ratio.

BORE and STROKE SPECIFICATIONS:

CHEVY - 350 c.i. 4.00" Bore x 3.489" Stroke Maximum Overbore = .070" =363 c.i.
 Chrysler - 360 c.i. 4.00" Bore x 3.578" Stroke Maximum Overbore = .020" =364 c.i.
 Chrysler - 340 c.i. 4.04" Bore x 3.313" Stroke Maximum Overbore = .060" = 350 c.i.
 Ford - 351 c.i. 4.00" Bore x 3.500" Stroke Maximum Overbore = .060" = 363 c.i.

These are the ONLY four (4) cast Iron Blocks permitted! NO ALUMINUM –Exc Option 4 OCFS
 OEM Chevy and Bowtie Performance Block, OEM Chrysler and R Performance Block,
 OEM Ford and SVO Performance Block, Dart Performance (Little M) and SHP Block

INTAKE MANIFOLDS ALLOWED: Must be cast aluminum one (1) piece single plane
 Only! No matching porting, welding or epoxy of any kind for running the 2350 lbs weight option.
 Any American manufactured intake made one (1) piece cast aluminum single plane manifold will be
 legal for the 2450 weight option. Ported intake allowed. No welding or epoxy allowed.

CHEVY 350 c.i. Part# HV1000 Brodix or older version HV1
 Chrysler 360 c.i. & 340 c.i. Part# 2915 Edelbrock or stock OEM Part# P-4876829SR
 FORD 351 c.i. Part# Edelbrock 9.5" deck height and Part# 2980 9.2" deck.

TIRES:

Only Hoosier Racing Tires will be permitted in any OCFS events. Hoosier (the tire manufacturer) will
 mark/stamp/brand all legal tires with specified compound and/or other specific designations as listed
 below:

- 1.) D300
- 2.) D400
- 3.) D500 (DIRT X-TRA Hard-Only allowed on Right Rear – in races exceeding 50 laps or more)

Tire Size and Compound Designation:

- 1.) Front - 11/82-15
- 2.) Front - 13/82-15
- 3.) Rear - 13/87-15
- 4.) Rear – 13/89 - 15
- 5.) Rear - 13/92-15

Anyone caught cheating will lose parts that have been deemed illegal and will be penalized points and
 possibly fined at the discretion of OCFS Management.