



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: 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:

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.
2. Carburetor must be Holley, base plate and center 4150 Series, not to exceed 650 CFM on all 358 engine packages. 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
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
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 – left front only

2.) Front - 13/82-15 – right front only

3.) Rear - 13/87-15 – left rear only

4.) Rear – 13/89 -15 – left rear only

5.) Rear - 13/92-15 - right rear only

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.