



SUPER LATE MODEL RULES

** These rules may be amended at the official's discretion. **

No additions, subtractions, alterations, or non-OEM type parts allowed unless specifically allowed in the rules.

All body, chassis, suspension & driveline specifications will follow the current ARCA Midwest Tour Series rules as they are written on the ARCA web site (<http://arcamidwesttour.com/rules/>), with the exceptions written below:

1. WEIGHT

- a. Cars will be weighed after their race is completed.
- b. See separate weight rule for each car/engine configuration.
- c. Cars must meet the minimum weight with the driver in the car.
- d. Weights may be adjusted for longer special races.
- e. All ballast must be painted white, and have your car number on them. No piece of ballast may be less than 5 pounds. All ballast must be securely mounted to the frame or roll cage only. No ballast may be in the driver's compartment. All weights will be checked on the race track scales with the driver in the car.

2. ENGINES

a. ACE Engine

- i. See ARCA Midwest Tour Rules.

b. 604 Crate Engine

- i. 1.6:1 Ratio rocker arms.
 1. GM Valves spring: Kit # 12586484
 2. Comp Cams spring: Kit # 941-16
- ii. Champ oil pan: part # CP106LTRB
- iii. SFI Approved small balancer.
- iv. Aluminum carb space; 1" thick; 1 paper gasket per side max .065" thick.
 1. 4 hole or open spacer with no radius or taper.
- v. Model 4150 Holley 650HP carburetor, part # 80541-1. Must be run as manufactured.
 1. All replacement parts must be Holley installed as manufactured.
- vi. 1 ignition box on the right side of the dash out of reach of the driver.
 1. 6300 RPM chip.
 2. RPM control must work at all times.
- vii. All internal repair or replacement parts must be GM original.

- viii. All part numbers for pistons, rings, camshafts, etc. are listed in the 'GM Circle Track Crate Engine Technical Manual.'
- ix. Oil pan inspection plug is mandatory.
 - 1. Murgic's Automotive, Rosemount, MN is authorized to R & R oil pan and reseal with their seals.
- x. Headers and exhaust per SLM rules.
- xi. 2" motor set-back.

a. Elko Concept Engine

- xii. Stock bore and stroke configuration.
- xiii. Un-altered cast iron blocks.
- xiv. Maximum displacement:
- xv. GM 358 cu. in.
- xvi. Ford 359 cu. in.
- xvii. Dodge 368 cu. in.
- xviii. Stock type distributor ignition systems only. No crank trigger or magneto type ignition systems.
- xix. 10.8:1 compression ratio.
- xx. Maximum rocker arm ratio is 1.7:1.
- xxi. Roller tappet camshaft maximum valve lift is .625" measured at the valve.
- xxii. Minimum valve stem size is 5/16" magnetic steel.
- xxiii. No chemical or ceramic coatings.
- xxiv. Maximum 4-stage dry-sump oil system allowed.
- xxv. Un-altered, un-ported Vortec heads casting #906, #062 or #060. Max valve size is 1.94" intake and 1.50" exhaust.
- xxvi. Un-altered, un-ported Bowtie casting #12480034 only. Max valve size is 2.02" intake and 1.60" exhaust.
- xxvii. Un-altered, un-ported Bowtie Vortec head. Max valve size is 2.02" intake and 1.60" exhaust.
- xxviii. Maximum chamber size is 64cc.
- xxix. No angle milling of heads.
- xxx. No chemical or ceramic coatings.
- xxxi. Any production type intake manifold allowed - provided it is readily available to all competitors from local race part suppliers. (Maximum cost \$375.00) Maximum height of manifold is 7.25" (including any carb spacer and gaskets) the manifold height will be measured from the base of carb to top of cylinder block. Only one flat gasket with a maximum of .120 may be used between intake manifold and cylinder head - no spacer or wedge type gaskets allowed. No additional material may be added to manifold. No grinding or polishing of any part of the manifold - except you may port-match the runners a maximum of 1".
- xxxii. No spacers between heads and intake or heads and block.
- xxxiii. Carburetor must be approved. Approved is the Holley model #4412 with a venturi size of 1-3/8" inches and maintaining a throttle bore maximum size of 1-11/16" inches. Also approved is the Dorton model 0-80583-1.
- xxxiv. No Holley HP carburetors.
- xxxv. 1.5" inspection plug must be installed in the oil pan, in line with an unobstructed view of a connecting rod.

- xxxvi. 10" minimum crankshaft height measured from front crankshaft bolt to ground.
- xxxvii. 43 lb. minimum crankshaft weight.
- xxxviii. No small journal, Honda type, connecting rods and bearings.
- xxxix. Magnetic steel connecting rods only.
 - xl. Engines with dual-plane intake, 1 5/8" primary tube & 3" collector headers, 7 1/4" minimum diameter clutch, OEM type transmission and 500 cfm 2 bbl. carburetor are allow a 50# weight break.

b. Touring Engine

- xli. See ARCA Midwest Tour rules for Touring Engine rules.

c. Other engine configurations will be dealt with on a case-by-case basis.

3. CARBURETION

- a. See ARCA Midwest Tour rules.
- b. Any car required to use the Holley 2 bbl. model # 4412, may use a Keith Dorton model #0-80583-1 carburetor.
- c. A fuel shut-off valve is required within 12" of the fuel cell. The Oberg anti-siphon valve is preferred.

4. IGNITION BOXES

- a. Crane or MSD ignition only.

Amendments