

Sport Modifieds



***OPEN WHEEL
SPORT
MODIFIED
RULES & REGULATIONS
2018***

AMRA:

Phone: 1-336-970-0251

Website: www.armamodified.com

DISCLAIMER AND WAIVER OF LIABILITY

The following rules are for the AMRA Sport (MOVE) Open Wheel Modified division. Interpretation of, or amendment to, these rules may be made at any time in the interest of fair competition. The rules and regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These rules shall govern the condition of all events, and by participating in these events, all licensees are deemed to have complied with these rules and regulations. They are intended only as a guide for the conduct of the sport and are in no way a guarantee against injury or death to participants and/or others involved. AMRA does not warrant or guarantee, in any way, the safety or fitness of any race car. This is a dangerous sport. You are risking your life by participating in any fashion. The AMRA and its officers, representatives, officials, promoters, members, and/or sponsors will not be held responsible or liable for injury or death.

GENERAL RULES

1. AMRA race rules and regulations shall apply at all AMRA sanctioned events.
2. AMRA officials shall have full authority over race cars at AMRA sanctioned events. At the discretion of the AMRA official(s) in charge, any competitor may be disqualified for rules violations, or hazardous equipment, or hazardous actions.
3. All AMRA vehicles are subject to inspection by an AMRA official at any time. The driver is required to bring the car to the official area in order to be allowed to participate. Only under extreme conditions will AMRA officials inspect cars in their own pit. Approval of an AMRA participant's race vehicles; or other equipment; by an AMRA official inspector shall mean only that the vehicle is approved for participation in a competitive event; and shall not be construed in any way to mean, or imply that the inspected AMRA vehicle is guaranteed to be mechanically sound or safe. Be it further known and understood that AMRA: and AMRA officials shall not be held liable for any mechanical failure nor for losses, injuries or death from same.
5. If you are driving in the Sport Modified class, you are not permitted to drive in another class for the same racing event.
6. All AMRA members will be expected to display prominently on their cars the AMRA sponsor decals given to them when they register their car. If you need additional packets throughout the year, contact the AMRA office. Those that choose not to run the decals are subject to being penalized and will may not be awarded inspection points. Every AMRA competitor is asked to display the following major sponsor decals on both sides of the car either on the front fender, rear fender, sail panel and/or under the numbers but above the bottom trim. The following are the major sponsors: Octane AMRA, Hoosier, MSD, Sunoco Race Fuels and WRISCO. The decal spec must be the size, shape and colors as provided by the sponsor/manufacturer, this includes any decals incorporated in any "wraps". AMRA highly recommends all competitors display and support the decals of those that support the AMRA. AMRA will award 2 of the 5 inspection points each night for the presentation of these sponsor decals. In the case AMRA obtains additional major sponsorship AMRA reserves the right to request every competitor display the sponsor's decal using the same protocol.

7. No type of radio communications are allowed except for Receivers or Nitro Bee Race Receivers when they are required.

8. Any unsportsmanlike conduct by a driver, car owner, pit crew member, agent, etc., shall be grounds for disqualification and/or punitive action; including, but not limited to any and/or all or a combination thereof: probation, suspension, fines, loss of any and/or all points, loss of any and/or all purse/prize money; which shall be determined by the AMRA. AMRA drivers are responsible for the conduct and

actions of their car owners, crew members, agents, etc. Failure to furnish a Social Security Number (SSN) or providing a false Social Security Number when requested as part of what is required by the I.R.S. will result in the same penalties provided for above.

9. Absolutely no alcoholic beverages will be consumed by drivers or their pit crews prior to, or during a sanctioned event. The use, distribution, or sale of illegal drugs at any time can be cause for immediate, indefinite suspension.

10. Drivers under age 18 years of age must have a signed and notarized parental consent form signed by a parent or legal guardian. Said document shall be in the possession of the AMRA office and the race track before participation of said individual will be allowed. Track insurance regulations hold precedence in regards to minimum competition age. AMRA may require participants to undergo a physical examination before an individual is allowed to compete in AMRA sanctioned events. All drivers MUST have an AMRA competition license and be in good standing with AMRA in order to compete.

Any participant not having an annual competition license MUST obtain a temporary license in order to compete in any AMRA event. Temporary license is good for one (1) event only. Maximum of three temporary licenses at \$25.00 each which will be applied to a membership/licenses or you can pay a onetime membership/license fee of \$75.00.

We will follow the AMRA Modified rules with the following exceptions:

Engine:

1. Blocks
 - a. Chevy 350, Ford 302 or 351W, Mopar 340 or 360. OEM steel block only. (Max Cubic Inch 390.)
 - b. 602 Crate Engines will be allowed with cast iron heads (no aluminum heads). The 602 crate engine must maintain original dual plane intake. Carburetor must match the rest of the rules
2. Harmonic Balancer
 - a. Must be SFI approved.
3. Compression
 - a. 175lbs. max compression (Hot) NO TOLERANCE.
 - b. Must be dish or flat top pistons.
 - c. No gas ported pistons.

- d. 602 Crate Engine must have 175 lbs. of compression or less per cylinder
- e. 3/8 "Diameter rocker studs maximum.

*Techs will check compression by having driver:

- 1. Pull choice spark plug. (Tech will pick plug)
- 2. Disconnect coil or something to keep engine from starting.
- 3. Use a Snap on or Mac Compression Gauge.
- 4. Hold carburetor in wide-open position.
- 5. Roll engine until needle on gauge stops moving. (per tech)
- 6. Look at gauge and take reading. (Tech)

**Engine must roll at speed capable of starting.

Carburetor:

- 1. 1 stock (4412) 2 barrel Holley no modification except removal of choke plate. A straight open hole spacer allowed. (NO Super sucker type spacers allowed.) You may change jets, power valve and accelerator pump only. Must use stock metering blocks. There is a \$360 (cash only) buy out on any carb or trade claimer for his. Driver must stop on front stretch to make claim then proceed to tech. Anyone refusing buy out will lose all money and points accumulated for that night. A Driver placing a claim must be on the lead lap. (JR)

Air Cleaner:

- 1. Only one single round air cleaner. No air boxes.

Fuel Pumps:

- 1. OEM style diaphragm pumps only.
- 2. Must be mounted in Stock location.
- 3. No electric or belt driven pumps etc..

Heads:

- 1. Heads must be steel only with stock diameter valve spring. (Example: Chevy 1.260 not 1.625) No beehive or barrel springs, no stud girdles, must have OEM style stamped steel rockers may use roller tip only, no full rockers.
- 2. OEM type if factory is 23 degrees valve angle your heads must be like wise.
- 3. No porting of any kind. (This to include gasket matching & bowl blending.)
- 4. No Canted Valve Heads (Cleveland Type)
- 5. No spacers between heads & intake.

Cams:

- 1. Hydraulic or flat tappet (solid) no roller of any type, must fire OEM (example: Chevy 18436572) no 4-7swap cams.

Intake Manifold, Adapters and Spacers:

1. Any 4 BBL open plenum.
2. 2. Max 1 ¼" tall; no porting or machine matching of any kind. (This dimension Includes gaskets.)
3. 3. No Velocity tubes on adaptors or built into the intake of any kind.
4. 4. NO PORTING of any kind (this includes gasket matching or anything to increase air flow) to be as taken out of the box.

Ignition:

1. No trigger type and /or crank trigger type: MSD or HEI (OEM) is permitted.

Oil Pump:

1. Must be wet sump only (in the pan) no external oil pump of any kind.

Oil Pan:

1. Must be steel only no exceptions.

Evacuation Pump or System:

1. No evacuation pump of any kind on the engine.

Battery:

1. Only one American passenger car battery with a maximum of 12 volt. (No 16 volt battery)

Transmission:

1. Bert, Brinn, Falcon etc.
2. Must have forward and reverse working.
3. Must have an explosion proof bell housing

Rear End:

1. Quick change or any American OEM.
2. NO cover on pull bar spring.

Shocks:

1. Steel **CRIMPED / SPUN** tube top and bottom, non-adjustable, non-rebuild able. With a \$80.00 Buyout. Must have a fixed bearing and can have a removable hime joint. (No Schrader valves or remote reservoir shocks of any kind.) **No gas shocks of any kind Oil filled only.. NO bump Stops.**

Some of AMRA Shocks approved: * If you do have other shocks they must be approved by an AMRA tech.

AFCO - 1400 series, 1200 series INTEGRA
- 4200 series P/N 310-421XX PRO

SHOCKS - WB Series P/N WBXX

****NO ALTERING OF SHOCKS**

Weight:

1. 2500lb. (Any teched GMPP crate 602 2350lbs.)
*Track scales are the official scales.

Suspension:

1. Must comply with AMRA Modified Rules.
2. Any 3 Link or OEM 4 Link get 100lb weight break.

Body:

1. Must comply with AMRA Modified Rules with the exception of no spoilers.

Tires:

1. Follow AMRA Modified Rules. Must run same rear tires all night. They will be checked and marked during inspection. If you have a flat the track tech must approve replacement tire. Tire must be same make and compound of old tire. It will also be marked.

Cooling System:

1. Cooling System may be modified. Radiator and oil cooler must not protrude above interior. No Electric water pumps or cooling fans. No sprinkler systems. Any overflow tubes are to be directed to the ground, between frame rails.

Starter:

1. All vehicles must have the capability of starting without being pushed or pulled. Starter must bolt to engine in factory location and working. This means the stock starter must start the car and be the only one on the car.

Exhaust:

1. May use aftermarket headers. Exhaust system must be mounted in such a way as to direct spent gases away from cockpit of vehicle and away from areas of possible fuel spillage. Exhaust header outlets no higher than midline of the body sides. Officials may require turn downs on the collectors. Dual exhaust only no "Y" pipes or 180 headers. No oxygen sensors allowed. [Tri "Y" headers are not acceptable.](#)

Fuel:

1. Gasoline ONLY (No Alcohol) Race Fuel is allowed.

[Safety: See Modified Rules](#)

REVISIONS FOR 2018:

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