



**2020 AAS Enduro Rules**

<b>Questions? Contact:</b>	
<b>Head Tech Official</b>	<b>DOC</b>
Jeff Munro	Frank Jordan
916-276-6982	916-997-6080
<a href="mailto:americanracerwest@gmail.com">americanracerwest@gmail.com</a>	<a href="mailto:fjordan@bmrnapa.com">fjordan@bmrnapa.com</a>

**All American Speedway reserves the right to alter or amend these rules and regulations in the interest of safety, cost control and/or fair competition. Any changes will be posted as an "addendum" to the rules.**

**It is the responsibility of each competitor to read and understand the contents of this rule book. In the event of a disagreement or dispute regarding the interpretation or application of the rules written herein, the decision of the speedway manager shall prevail.**

**If this rule book does not specifically state that you can alter, change or otherwise modify something on your car, it will be considered a violation of these rules. Illegal components may be confiscated by All American Speedway and become property of the speedway.**

***No equipment will be considered approved just because it has passed through tech inspection unobserved.***

**All deficient safety issues must be corrected before the car is allowed to compete. All non-safety rules infractions will be addressed by the All American Speedway technical staff and, if deemed to have a performance advantage, may require the competitor to repair before being allowed to compete.**

**This division is intended as an entry level division. The intent is of this division is truly for fun and entertainment.**

**The All American Speedway Enduro events will be run on the water soaked and soaped oval racing surface..**

**0.0 Driver / passenger eligibility**

**0.1** Drivers, Co- Drivers or passengers in this division must be at least 14 years old.

**0.2** At the time of pit registration an F-4 Claimer Driver will be responsible for informing pit gate personnel of the identity of their co-driver or passenger. Likewise, at the time of registration, the co-driver or passenger is required to inform the pit gate personnel of his or her intent to participate as a co-driver or passenger and register as such.

**Both the driver and passenger are responsible for knowing and obeying the rules, regulations, and policies of All American Speedway.** Failure of either the driver or the passenger to abide by the AAS rules and regulations regarding passenger safety, equipment, and/or identification shall result in a combination of disqualification, fine, loss of points, loss of money, or suspension that will apply to the driver.

**0.3 Team Driving/ co-driving** Team/co driving is allowed. Only 1 payout and one set of



trophies will be awarded based on this system. Each team must choose and register one primary driver who will be assigned to the car for each event regardless of who drives the car. All records, announcements, scoring, points, payouts, penalties, fines, and special awards will be made to that primary driver's name. Prize earnings will only be reported to the primary driver's tax ID or social security number for tax purposes.

### **1.0 Competing models**

**1.1** Open to any front engine 2007 or older, front or rear wheel drive American or Foreign made front or rear wheel drive 2 or 4 door passenger cars, El caminos, station wagons, compact SUVs or compact trucks (no full size pick ups or SUVs) No convertibles, T-tops, or Targa-tops. Sunroof cars must have a steel sheet metal panel installed to cover the hole in the roof. No 4-wheel or all-wheel drive cars allowed.

**1.2** Minimum wheelbase allowed is 94" maximum wheelbase allowed is 120". All vehicle dimensions and appearance must remain un-altered and completely stock for year, make, and model used per manufacturer's published specifications. No alterations or customizing allowed. No lifted trucks or SUVs etc. No engine swaps. Must be correct application for vehicle being used. If the vehicle did not come with it from the factory than it is not allowed.

**Exception.** Driver/passenger window openings may be enlarged, only as needed for easier / safer exit. Must meet AAS technical staff approval.

### **2.0 General Body Rules**

**2.1** All vehicle bodies must remain stock appearing. Vehicles must have hood, deck lid, doors, quarter panels and fenders. Pick-up trucks must have a bed. Tailgate must be removed. SUVs, station wagons or hatch backs must have the rear hatch or lift gate (with glass removed). No wings spoilers or side boards allowed.

**2.2** Stock OEM front and rear bumpers and or covers must be used. A tube steel (round or square tubing) bumper may be used in place of the stock plastic or Styrofoam inner bumper. Tube bumper must be under stock plastic bumper cover.

**2.3** All interior, stock seats, carpet, door panels headliner and any other flammable materials must be removed. All chrome trim, headlights and tail lights must be removed.

**2.4** All doors must be welded or bolted shut in such a manner as to prevent opening in an impact. Must meet AAS tech staff approval.

**2.5** No excessive gutting or removal of interior and inner structure sheet metal. Driver's compartment must be completely sealed from engine compartment and fuel tank area. All holes created by removal of heater/air conditioning components etc. must be patched with aluminum or steel sheet.

**2.6** Fender wells may be cut for tire clearance only. No excessive flaring of fenders allowed.

**2.7** All glass must be removed. Front windshields may be replaced with 1/8" (lexan) polycarbonate (not Plexiglas) or wire mesh. Must be full size and cover the stock windshield opening completely. Must be riveted or bolted around the entire perimeter. Must have 3 steel vertical straps (1" x 1/8") in the inside center portion of the windshield.

### **3.0 Appearance**

**3.1** All American Speedway reserves the right to require repair of badly damaged body panels for either safety or cosmetic reasons. All race vehicles must run a hood, trunk lid, doors at all times. **Exception;** A vehicle that is damaged during an event may remove damaged body parts for safety and continue to compete in that night's event.

**3.2** Car numbers shall be non-reflective, high contrast, easily distinguishable decals or painted. A minimum 18 inch high. Placement shall be on each door and on the roof easily readable from the grandstand and scoring tower. All American Speedway reserves the right to determine legibility of car numbers and may require competitors to replace or repair

numbers to make them more recognizable.

**3.3** All American Speedway reserves the right to approve all commercial or editorial messages placed on competing cars. Cars with unapproved or inappropriate messages will not be allowed to compete if the competitor refuses to comply.

#### **4.0 Weight.**

**4.1** There is no maximum or minimum weight requirement in this class. No added weight or balast is allowed. No excessive steel plating or reinforcement is allowed. Water tanks will be a maximum of 25 gallons.

**4.2** At the discretion of the AAS DOC, any vehicle that appears to have a distinct performance advantage may be required to add additional weight in 20lb. increments.

#### **5.0 Suspension and Steering.**

**5.1** All suspension and steering components must remain stock OEM and unaltered for year make and model of car being used. No cutting welding or relocating of suspension parts.

**5.2** Must use stock OEM style springs. All springs must mount in the stock location.

**5.3** Must use stock OEM or direct replacement shocks and struts. No high performance shocks or struts allowed. Shocks and struts must mount in the stock OEM location. No upper strut tower stiffeners allowed.

**5.4** No steering quickeners allowed. May use steering wheel quick disconnect type adapter.

#### **6.0 Brakes**

**6.1** Must have working brakes on all 4 wheels. Must have stock OEM brakes rotors and master cylinders only. Manual parking brake may be disabled but is recommended for cool "Smokey and the Bandit" type maneuvers.

#### **7.0 Roll Cage**

**7.1** A minimum 4 point roll cage is required. Must be at least 1 1/2" .095 round mild steel tubing. A main cage hoop the width and height of the interior of the car is required. Must have a roof halo that extends from the main hoop to the front of the roof at the windshield. Must have 2 front upright legs to support the front of the halo. 2 horizontal spreader bars are required, 1 between the front uprights at dash level and 1 in the rear hoop just below shoulder level. All points where the roll cage meet the floor pan a minimum 4" x 4" 3/16 plate must be welded or bolted to the floor. If it is bolted to the floor and additional 4" x 4" 3/16" plate is required on the bottom side to sandwich the floorboard. A minimum of 4 1/2" bolts must be used at each leg. A minimum of 3 door bars on each side of the cage are required with 2 spreaders between each bar. A basic front hoop protecting the radiator may be used. No excessive reinforcements. All welds must be 360 deg around all tubes and must be of professional quality. AAS reserves the right to require any unsatisfactory welds or construction to be repaired.

**7.2** R & L door bars shall have a 1/8" steel plate or 1/4" aluminum plate covering the outside of the door bars. Both sides for cars running a passenger.

**7.3** All roll bars should be padded at the point of possible contact with passenger or driver.

#### **8.0 Engine and Transmission**

**8.1** Engine and transmission must be OEM stock for make of car being run. Chevy/Chevy, Ford/Ford Honda/Honda, Toyota/Toyota, etc. No rotary, turbo charged or super charged engines. (even if it was stock). Must be mounted in stock location using stock motor mounts. No fabricated engine mounts. No aftermarket or high performance engine pieces allowed.

**8.2** Must run stock OEM ignition system.

**8.3** Must run stock type carb or fuel injection for engine being run. **Exception;** may run a



Holley 4412 2 bbl carb and adapter. Intake manifolds must be OEM stock type manifolds, No high performance or aftermarket aluminum or marine type manifolds.

**8.4** Engines must pull a minimum of 17" vacuum at Idle.

**8.5** Transmission may be manual or automatic. Must be OEM type transmission.

**8.6** All drive shafts must be painted white and must have a safety loop or chain.

### **9.0 Exhaust**

**9.1** Must run stock OEM exhaust manifolds. Must run a single or double muffler sufficient enough to meet all sound requirements of the speedway. All Catalytic converters must be removed.

**9.2** All vehicles in this division competing, practicing or testing at All American Speedway must comply with the mandated maximum sound output restriction of **90 DBA** or less

### **10.0 Fuel and fuel system**

**10.1** A racing style fuel cell is recommended. (Max 32 gallon.) Must be in a metal can and mounted in or below the trunk area and securely mounted and protected from impact damage. The stock gas tank may be used and must be moved up into the trunk area. A metal firewall must completely separate the fuel cell/tank from the driver's compartment. Must meet AAS technical staff approval. Must have an approved roll over vent and be securely fastened by at least 2 steel 1"x 1/8" steel straps.

**10.2** Any fuel lines that run through the driver's compartment must be enclosed in a metal conduit or tubing and painted red and marked as a fuel line.

### **11.0 Cooling and Electrical**

**11.1** A single automotive battery must be relocated either behind the driver or passenger or in the trunk. Battery must be in a poly leak proof box and be securely mounted using steel or aluminum straps. No nylon type hold down straps will be allowed.

**11.2** All cars must be self-starting

**11.3** A single stock or aluminum radiator is allowed but must mount in the stock location in front of the engine.

**11.4** Antifreeze is not allowed. Competitors found to be using antifreeze are subject to a \$100 dollar fine. Water Wetter, Pro Blend 40 below or other similar cooling system additives are allowed.

### **12.0 Wheels and Tires**

**12.1** Maximum 7" wide steel or OEM aluminum wheels. Must be centered wheels only. No positive offset wheels. Wheels and tires must not extend more than 1" out past the stock fender wells.

**12.2** All tires are subject to approval of All American Speedway technical staff. Must run approved DOT 4 ply passenger car 400 tread wear or greater tires only. NO wider than a 60 series tire. Maximum 8" tread face measurement. No light truck, off road or aggressive tread type tires No grooving, siping or altering of tires allowed. No studded tires allowed. Must have a maximum advertised price of \$90.00 or less..

### **13.0 Safety Requirements**

**13.1** Aluminum, made for racing seats will be required for the driver and passenger. The seats must be securely mounted to the rear hoop of the roll cage and a steel bottom frame welded or bolted to the floor. Seats shall be bolted to the mounts with minimum 3/8" grade 8 bolts and large washers to prevent pull through.

**13.2** Racing seat belts and harness are required for both driver and passenger. Older or out of date seat belts may be used but must pass visual inspection by AAS tech officials. A



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minimum 3" wide strap 5 point harness with individual double shoulder belts or "y" type shall be required. Seat belts should include an anti-sub belt to prevent the racer from sliding forward under the lap belts. Seat belts will be securely fastened to the main roll cage with welded tabs and minimum 1/2" bolts. Seat belts bolted directly to the floor pan will be required to have a 3/16" steel reinforcing plate welded to that mounting point. Shoulder belts should be anchored 6" below the shoulder by either bolting or securing around the spreader bar with the proper hardware.

**13.3** Ribbon style window nets are required on the driver's side (and passenger side if applicable) mounted securely to the top of the door with a release mount at the top that is easily accessible to track safety crew.

**13.4** Snell approved full face racing helmet is required for driver and passenger. Motorcycle or sport helmets will not be allowed.

**13.5** SFI certified racing suits and gloves are required for all drivers and passengers at all times while on the track. Driver's suits with large holes or tears will be required to be replaced.

**13.6** A small hand held style fire extinguisher is required to be securely mounted in all cars.

**13.7** Transponders are required and must be mounted 11 ft. (132") back from the forward most point on the car. Must be aimed at the ground, and no higher than 24" off the ground. Transponders will be available to rent from AAS