

## 2018 BARE BONES RULES

The rules herein shall refer to Adirondack International Speedway as "AIS". These rules are intended to create affordable and fair competition. While they offer a good outline, every item cannot be covered by a written rule. Any questions regarding any item not specifically covered in these rules should be addressed with AIS Officials prior to proceeding. No car, Component, or equipment will be considered as having been by reason of having perviously passed through inspection unobserved or undetected. All equipment is subject to inspection and approval by AIS Officials. You may be assessed penalties including, but not limited to: added weight, fines, loss of points, loss of handicapping, and suspension, car parts, componets, and/or equipment deemed as not in compliance with these rules. Any car part, component, and/or equipment which does not conform to the specifications or tolerances conatined in the 2018 rules book or is not otherwise approved by AIS may not be used in competition 2018, and is subject to confiscation at the discretion of AIS Officials

By competing at AIS, you agree to have read the AIS 2018 General Rulebook and the 2018 AIS Bare Bones Rulebook

### 1. APPROVED MODELS

- 1.1 This class included fully stock, 4 cylinder & 6 cylinder single or dual overhead cam cars with no modifications
- 1.2 Air bags must be COMPLETELY removed.
- 1.3 Must register year, make and model of car with AIS Tech Inspector(s)
- 1.4 No turbo charged, supercharged, and/or rotary powered cars allowed. Naturally aspirated cars ONLY as a fuel: no methanol. No additives permitted.
- 1.5 All cars must have chains/cables on the front and rear of the car for towing purposes.
- 1.6 May use cold air take.

### 2. CHASSIS/FRAME

- 2.1 Stock frames in good condition ONLY will be permitted.
- 2.2 NO welding, chopping, shortening, or lowering of frame is allowed.

### 3. DRIVER SAFETY EQUIPMENT

- 3.1 Full body SFI rated fire retardant suit is recommended. Either a one way or two piece race suit is acceptable.
- 3.2 SFI rated fire retardant undergarments are recommended
- 3.3 Approved SFI rated racing shoes or leather work boots are permitted. ABSOLUTELY no sneakers allowed. Fire retardant socks are recommended.
- 3.4 Fire retardant racing gloves are mandatory.
- 3.5 All drivers must have a full face helmet that meets DOT rating with no sign of previous damage. NO open face helmets permitted.
- 3.6 Neck collar or head and neck restraint device are highly recommended for your safety.

### 4. OVERALL CAR WEIGHT

- 4.1 Weight requirement is calculated by engine size - one (1) pound per cc..

### 5. ADDED CAR WEIGHT

- 5.1 No added weight anywhere

### 6. WINDOW NET

- 6.1 All cars must have an SFI- approved net properly installed in the driver's window area. Window net must be securely mounted with a good type of quick release that must be inspected and acceptable to AIS Tech Inspector(s).

### 7. WINDSHIELD

- 7.1 All glass must be removed

- 7.2 Stock windshield will be permitted ONLY if it is not cracked.
- 7.3 Lexan or wire mesh may be used for windshield with at least 2 safety straps in the center.

#### **8. REAR VIEW MIRROR**

- 8.1 Absolutely NO mirrors allowed.

#### **9. INTERIOR**

- 9.1 An aluminum racing seat is recommended. NO fiberglass seats permitted. Race seat must be securely mounted to frame.
- 9.2 Must use SFI approved racing harness with a minimum of five (5) points, properly mounted to the roll cage. Belts must be three (3) inches wide and have a quick release latch. Restraints must be dated within five (5) years of the date of use. Date stamp must be legible - harnesses with illegible date stamps will NOT be permitted. AIS Officials reserve the right to reject any harness that shows discoloration or wear.
- 9.3 All roll bars located around driver must be padded. Fire retardant padding is recommended.

#### **10. GENERAL ENGINE REQUIREMENTS**

- 10.1 Must be stock OEM for make and model of car. No swapping of twin cam head on a single cam block, or single cam head on twin cam block.
- 10.2 No engine modifications allowed.
- 10.3 All sensors must be stock OEM.

#### **11. RADIOS (RECOMMENDED)**

- 11.1 Monitoring of AIS Race Control on frequency 454.0000 is mandatory via Race Ceiver, Microscanner, or receiver. The approved one way receiver must be mounted in plain view for inspection. Any car not monitoring the Race Control frequency during practice will be blacked flagged to made aware of their failure and is required to remedy it before proceeding further in the event. Any car not monitoring the Race Control during competition may be removed from the track at the discretion of AIS Officials. No other form of one or two way

communication is permitted in the car at any time.

## **12. EXHAUST SYSTEM**

- 12.1 Any oval style muffler (i.e., Turbo or OEM). Maximum in and out diameter of 2-1/2".
- 12.2 Must exit at the rear behind the driver.

## **13. DRIVESHAFT/DRIVE AXLES**

- 13.1 Drive shafts and drive axles must be painted white.
- 13.2 Rear wheel drive vehicles must have a drive shaft loop front and back.

## **14. TRANSMISSION**

- 14.1 Stock OEM transmission ONLY for make and model of car.
- 14.2 No fabricating of mounts allowed.

## **15. SUSPENSION:**

- 15.1 Maximum camber adjustment is five (5) degrees, within reason and no major modifications to get camber unless PRIOR approval is granted by AIS Tech Official(s)

## **16. TIRES AND WHEELS**

- 16.1 OEM wheels mandatory.
- 16.2 DOT tires only.
- 16.3 Tire sizes allowed are 165-235,50/60/65/70/75 series. Tread wear must be 260 or higher.
- 16.4 Permitted wheel sizes are 13,14,15,16 and 17.
- 16.5 NO wheel spacers or shims permitted.

NOTE: A participant competing in any race at AIS specifically agrees that he/she acknowledges it is illegal to soak or treat racing tires and that said soaking or treatment of racing tires against EPA regulations and further contains carcinogens and hazardous material which are unfit for his/her health and the health of all competitors and spectators. Ant

participant found violating the rule is subject to suspension.

#### **17. GROUND CLEARANCE REQUIREMENTS**

17.1 Stock - NO exceptions.

#### **18. BRAKES**

18.1 Must have four (4) wheel working brakes.

18.2 No shut offs or bias adjusters allowed.

#### **19. FUEL CELL**

19.1 Do not need to have fuel cell.

#### **20. ROLL BARS**

20.1 All cars must have 1 bar attached to outside or inside of drivers door to extend past edges of door from front of door to back of door, fastened with a minimum of 4 bolts and also welded.

20.2 All cars can have a halo bar (HOOP) welded to a plate that is bolted to the floor of car. Each plate must have 4 bolts holding it down with 6" plates.

NOTE- Competitors are solely and directly responsible for the safety of their race cars and racing equipment and are obligated to perform their duties (whether as a car owner, driver, or crew member) in a manner designed to minimize to the highest degree possible to risk of injury to themselves and others.