

## Class Description

Nostalgia Super Stock class is for the year models, body styles, and engine combinations, which accurately represent those cars, which raced in the AF/X & Super Stock classes of the '60s and early 70's. Certain exceptions in the authenticity of these cars will be allowed. Among those exceptions, but not limited to, are factors concerning safety, equality in performance, availability, and durability. Classification will be based on a visual inspection. No modifications, which alter the car from factory stock, are permitted unless they are specifically allowed in these rules. All Run, .500 Full Tree, Handicap Start. ET 0 – 12.50. **Must dial with a .00 or .05**

## ELIGIBLE YEAR MODELS AND BODY STYLES

The following is a list of cars/engines, which are allowed to compete in the Nostalgia Super Stock class:

- AMC AMX, Rebel, Ambassador, Rambler: 1968 – 1969; 390 and up
- Chevrolet Full Bodied: 1960-73; Big Block 396 and Up
- Chevrolet Camaro 1967-1973; Big Block 396 and Up
- Chevrolet Nova 1966-1973; Big Block 396 and Up
- Chevrolet Corvette 1964 –1973; Big Block 396 and Up
- Pontiac Firebird/Trans Am 1967-1973 Big Block 389 and Up
- Pontiac Full Bodied: 1960-1973; Big Block 389 and Up
- Ford Full Bodied: 1960-1973; Big Bock 390 and Up
- Mustang 1964-1973: Big Block 427 and Up
- Mercury Full Bodied 1960-1973; Big Block 390 and Up
- Mercury Cougar 1968-1973; Big Block 390 and Up

- Dodge/Plymouth B Body: 1960-1973; Big Block 383 And Up Incl. Hemi
- Dodge/Plymouth Barracuda and Challenger: 1970-1973; Big Block 383 and Up Inc. Hemi
- Dart/Barracuda: 1967-1969; Big Block 383 and up
- Dart/Barracuda: 1968; 426 Hemi and Up
- Buick Full Bodied: 1960-1973; Big Block 400 and Up
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- Oldsmobile Full Bodied: 1960-1973; Big Block 400 and Up

## **Class Guidelines NOSTALGIA SUPER STOCK**

**ENGINE: Big Blocks Only.**

### **COOLING SYSTEM**

RADIATOR: OEM production-style or aftermarket radiator is required and must be mounted in stock location. Stock core support is required.

### **ENGINE**

ENGINE: See ELIGIBLE YEAR MODELS AND BODY STYLES. Any internal engine modifications permitted.

### **FUEL DELIVERY SYSTEM**

### **GASOLINE**

GASOLINE: Commercially available racing gasoline, pump gasoline, and E85 are the only fuels permitted. Maximum blended volume of alcohol may not exceed 85%.

NITROUS OXIDE: **Prohibited.**

## **OIL SYSTEM**

OIL SYSTEM: Dry-sumps prohibited. Oil pump must remain in stock location. Oil pan capacity may be increased.

## **SUPERCHARGER**

SUPERCHARGER: **Prohibited.**

## **BLOCK**

**BLOCK: Aftermarket blocks may be either cast iron or aluminum: Have be manufactured for the same make of entry.**

## **ENGINE LOCATION\MOUNTS**

Block and/or heads must not touch stock firewall. Firewall must be in stock location. Engine plates and solid engine mounts permitted.

## **HEADS**

HEADS: Aftermarket cylinder heads permitted. Cylinder heads may be cast iron or aluminum: Have to be manufactured for the same make as entry. Any internal cylinder-head modifications permitted.

## **CARBURETOR**

The following carburetor combinations are allowed, regardless of year/make/model of entry:

All Holley, Carter, Rochester, Edelbrock 2 barrel or 4 barrel are permitted along with all aftermarket versions

## **INTAKE MANIFOLD**

**INTAKE MANIFOLD:** Any single 4bbl – dual 4bb- or – triple 2bbl. manifolds accepted. Intake must remain under hood. **Tunnel Rams Prohibited.**

## **FUEL INJECTION**

FUEL INJECTION: Era-correct mechanical fuel injection permitted in FX classes only.

EFI: Prohibited

## **SOLENOIDS**

SOLENOIDS: **Prohibited.**

**TURBOCHARGER: Prohibited.**

## **AFTERCOOLER/INTERCOOLER**

AFTERCOOLERS/INTERCOOLER: **Prohibited.**

## **DRIVETRAIN**

### **CLUTCH**

CLUTCH: Clutch operation must be manually applied and disengaged with foot during run, without the assist of electric, hydraulic or pneumatic devices. Multi stage, variable release, or lock up type of any description is prohibited. Throwout bearing must release all fingers or levers simultaneously.

## **MANUAL TRANSMISSIONS**

2.12 a) MANUAL TRANSMISSION: OEM or aftermarket transmissions with a maximum of 4 forward speeds permitted. All shifts must be made manually without the aid of electric, hydraulic or pneumatic devices. Starting line rev limiters permitted. Torque converter not permitted with this type transmission.

## **AUTOMATIC TRANSMISSIONS**

AUTOMATIC TRANSMISSIONS: Automatic transmissions originally produced by any American automobile manufacturer or replicas of an automatic transmission produced by any American automobile manufacture mandatory. Clutch prohibited with this type of transmission. Transmission must appear externally to be the same as was originally available on the year/make/model of entry.

**Transbrake permitted. Starting line rev limiters permitted.**

## **BRAKES & SUSPENSION**

### **BRAKES**

BRAKES: The braking system may be upgraded. All cars must have front and rear hydraulic brakes. Automated brakes or any type of traction control is prohibited. Application and release of brakes must be a function of the driver's foot. Line loc permitted on front wheels only. Any other electric, pneumatic, or hydraulic device in the system is prohibited.

### **STEERING**

STEERING: OEM steering mandatory.

### **SUSPENSION**

**FRONT SUSPENSION:** Stock front suspension required. Aftermarket direct replacement suspension components including A-arms permitted. Aftermarket, direct replacement bolt in, tubular A-arms permitted.

**REAR SUSPENSION:** Rear suspension of ladder bar, three/four link, or stock rear suspensions permitted.

## **FRAME**

**FRAME:** Stock frame required but may be strengthened with the addition of braces and “notched” or moved inboard for rear-tire and wheel tub clearance. Full tube chassis prohibited.

## **TIRES & WHEELS**

### **TIRES**

**TIRES:** Street type or drag slick tires permitted. Maximum rear tire designation of 14.5x32-inch permitted. The front tires are limited to 4.5-inch minimum tread width and minimum diameter of 26 inches tall. The tread of the tires is not allowed to protrude outside the exterior bodyline at the top of the tire.

### **WHEELS**

**WHEELS:** Spindle-mount front wheels prohibited.

## **INTERIOR**

**INTERIOR:** Must have full factory seating, upholstery, and carpeting. Aftermarket upholstered bucket seats permitted. Full dashboard mandatory. Aftermarket gauges permitted. Rear seat may be removed when roll bar/cage is installed, area must be paneled to isolated drivers compartment from trunk and fuel cell.

## **BODY**

**BODY:** Lightweight replacement parts permitted for fenders, hood, doors, deck lid, and bumpers. External modifications of any body panel that will alter the stock bodyline is **prohibited**. The body must be finished & painted.

## **SPOILERS, WINGS**

**SPOILERS, WINGS:** Aftermarket wings and/or spoilers **prohibited**.

## **FIREWALLS**

**FIREWALLS:** Stock firewall in stock location mandatory.

## **FLOOR/TRUNK PAN**

**FLOOR/TRUNK PAN:** Complete stock floor in stock location mandatory. Floor/Trunk Pan modifications permitted for clearance purposes of ladder bars, mufflers, and fuel cell. Material to be used if there are floor/trunk pan modification is limited to same type material and same or greater thickness as original floor/trunk pan.

## **HOOD/SCOOP**

**HOOD SCOOP:** Hood scoops limited to OEM equipment or period style. Hood scoop may be no higher than 5 inches. Pro stock-style aero or snorkel scoops **prohibited**. The entire induction system must be completely covered by hood or scoop, which must be part of the vehicle hood.

## **BUMPERS**

**BUMPERS:** Complete stock-appearing bumpers required.

## **GRILLE**

GRILLE: A full-production grille is required for the body style used, era-correct modifications permitted. Covering in front of or behind the grille prohibited.

## **DOORS**

DOORS: OEM or aftermarket doors permitted. Driver and passenger doors must be functional and operable from inside and outside of vehicle.

## **ELECTRICAL**

### **8.3 IGNITION**

IGNITION: Any battery powered ignition system permitted as specified in this section.  
Aftermarket electronic breakerless distributor system permitted.  
MSD 7AL series and/or digital-type also permitted, however use of traction control prohibited  
Engine rev limiters, top end only, and/or starting line with manual transmission only, permitted.

## **STREET-LEGAL REQUIRMENTS**

Headlights and tail lights for year & make of body used mandatory: era-correct headlight modifications permitted.. Single taillight required to be functional.

## **SUPPORT GROUPS**

Bracket racing aids such as optical sensors, delay boxes, stutter boxes, two-steps, and throttle stops **prohibited**. The application or use of any device, mechanical or electronic that permits the driver to ascertain the position of their vehicle in relation to the starting line is **prohibited**.

## **ONBOARD DIAGNOSTICS\DATA RACORDERS**

ONBOARD DIAGNOSTICS/DATA RECORDERS: Onboard diagnostics and data recorders used to monitor and record parameters such as a driveshaft speed, acceleration, nitrous timing, chassis strain, suspension travel etc., **prohibited**.



Wide band oxygen sensors permitted. "Playback" tachometers permitted. Laptops prohibited in vehicle.

## **10: DRIVER**

**CREDENTIALS : See IHRA general regulations.**

## **11: CLASS & SAFETY REQUIREMENTS**

It is the participant's responsibility to familiarize oneself with the class requirements as

IHRA rulebook.

The participant agrees that the participant bears the ultimate responsibility at all times to ensure the safety of participant's vehicle and to ensure that participant complies with all applications in IHRA rules. The participant agrees that participant is in the best position to know about the construction and operation of participant's vehicle, equipment, and clothing, and whether there has been compliance with all applicable IHRA rules

## **12: STREET-LEGAL REQUIRMENTS**

Headlights and tail lights for year & make of body used mandatory: era-correct headlight modifications permitted.. Single taillight required to be functional.