



# Pure Stock 2021

\*The rules and/or regulations set forth herein provide for the orderly conduct of racing events and to establish minimum acceptable requirements of such events. These rules shall govern the condition of all such events. All participants are deemed to have complied with these rules. No expressed or implied warranty of safety shall result from publications of or compliance with these rules and/or regulations. Rules are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant.

\*Speedway Officials shall be empowered to permit minor deviations from any of the specifications herein or impose any further restrictions that in his/her opinion does not alter the minimum acceptable requirements. No expressed or implied warranty of safety shall result from such alteration of specifications.

\*Speedway reserves the right to update, modify, and/or delete rules at any time deemed necessary to ensure safety, fair competition or any other reason that may be appropriate.

\*Any interpretation or deviation of these rules is left to the officials. Any decision of and by Speedway Officials is final.

\*Unsportsmanlike-like conduct can carry a minimum \$250.00 fine and/or suspension. Any and all fines will be added to the point's fund at the end of the racing season.

\*This is an entry-level class of racing. All parts of the vehicle must be OEM stock for your vehicle. Parts cannot be altered or moved. If your vehicle did not come with a certain item, you MAY NOT use them on your vehicle, unless otherwise specified.

## **Weight:**

1. Minimum weight 3200lbs with driver after race, one pound per lap will be deducted.
2. 52% maximum left side weight at all times. (with driver)
3. Lead Inspection will be part of post-race tech moving forward. If a piece of lead is not properly painted white with car number in red or black marked on all sides the team will receive a \$500.00 fine on 1st offense with an automatic disqualification on the 2nd offense. Any lost weight will now result in a \$25.00 per pound fine to the team. (no pellets, tungsten or similar weight allowed)

## **Body:**

1. 1978 or newer with a 108" minimum wheelbase will be permitted.
2. No Camaros, Mustangs, Firebirds, Nova's or GT type cars.
3. All exterior chrome, headlights, and molding must be removed.
4. All doors must be chained or welded shut, doors may be hulled for roll cage but not excessively, leave hinges and latches.
5. Body must maintain original configuration, size and shape. (Plastic aftermarket nose and tail pieces allowed where available)
6. Maximum 2" OD exhaust pipe and must run to the back of driver's seat.
7. Hood and trunk latches may be disabled and replaced with hood pins.
8. No bracing of any kind.
9. One bar allowed in front of radiator only and same width as frame.

## **Suspension:**

1. All shocks and suspension parts must be OEM for your car, in stock location. Minimum ride height is 8" (Subject to change due to change of tires) (No Tolerance). Must use stock springs with no shims or any other height adjusters. No racing springs and racing or high-performance shocks permitted.
2. Large steel studs may be used with 1" steel lug nuts.
3. Excessive shimming of spider gears will not be allowed. Tires must be able to rotate with 15-foot pounds of torque with one tire on ground. Cars using an automatic may run up to a 4.56 final gear in and standards may only use up to a 3.73 final gear in rear-end.



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4. Must have 4 wheel working brakes.
5. Stock sway bar bushings and bolts both sides but can be 1" different in height for adjustability.

## **Engine/Drive Train:**

1. All cars will be required to have an MSD Soft Touch Rev Control with 5400 RPM Chip mounted on right side dash out of reach of driver. Chip must be taped, and zip tied in place.
2. Engines and all components must be OEM STOCK for make, model and year of car and meet OEM specifications. GM cars may substitute stock 350 engines in place of 305 but must within same year range. Oil pan must have 1" inspection plug in line with Crankshaft casting number and 52-pound minimum weight on crankshaft.
3. Maximum allowable compression 165 pounds.
4. Melling CCS-2 is the only cam legal for gm cars and must be installed on 108 (+or- 3 degrees) intake centerline. Minimum 20 inches of vacuum at 1000 rpms or subject to tear down.
5. Transmission and rear end must be for make, model and year of car. Automatic or Manual allowed. No Muncie's. Minimum 11" diameter Torque Converter allowed on Automatic's turbo 350 only no overdrive's or lockup convertors. Clutch weight minimum weight is 36 pounds. Aftermarket clutch pedal allowed.
6. OEM Carburetor with one stock gasket and no spacer allowed. 14" maximum air cleaner permitted. No high performance or air boxes.  
**Or:** Unmodified 2 bbl. model 4412 Carburetor allowed. No billet aluminum allowed. No modifications except choke butterfly and shaft may be removed. Choke horn must remain unmodified and a maximum 1" adapter with no taper or beveled holes with 1 paper gasket per side not to exceed .065" in thickness.
7. May remove all A/C components.
8. Engine, transmission and rear end must be in stock location. Stock aftermarket replacement solid motor mounts allowed.
9. No anti-freeze. (\$100.00 Fine)

## **Engine Claim Rule:**

1. The top five finishers in the feature are subject to an engine claim by a driver finishing in the top ten, still running on the lead lap. The driver claiming must provide \$2500.00 Cash. (\$250 which is non-refundable)
2. Failure to honor claim will result in automatic disqualification and suspension. All claims must be presented in writing to head tech official before start of feature, along with cash.
3. Promoter has the option to claim the winning engine for \$2500.00 and auction engine at the end of the event.
4. Officials reserve the right to confiscate illegal parts.
5. 3 disqualifications will result in loss of all points and season suspension.
6. Track reserves the right to move a driver to a higher division.

## **Tires/Wheels:**

1. Hoosier 790 Tire on 7 1/2" wide rims **OR** American Racing Tire AR970 on 8" wide rims with 3" offset & no spacers. No soaking or altering of tire in any manor allowed. Drivers soaking or altering tires will forfeit all purse and points for the event and all track points for the year. Driver must also pay a \$1,000 fine prior to being allowed to compete at Speedway. Any illegal tire, in the judgment of Speedway Officials, will be confiscated.
2. For Hoosier tires, Stock 15" steel wheels or steel spoke wagon wheels only, 7.5" maximum width. Stock offset and no spacers allowed.
3. Camber: Front rim and wheel cannot exceed 2" difference in top and bottom of rim. 4. Safety hubs will be allowed on LF or RF.



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## **Fuel Cell/Fuel:**

1. Fuel cell mandatory and must be securely mounted in center of trunk in steel container. Cell must be secured with a minimum of two 1/8" x 2" steel straps around fuel cell.
2. A single nerf bar is required behind fuel cell.
3. Track Fuel or pump gas without ethanol only. No icing, Freon type chemicals or refrigerants may be used in or near the fuel system or engine compartment.

## **Safety:**

1. All glass must be removed except for the front windshield. Mandatory stock or Lexan front windshield required.
2. All upholstery must be removed, except dash and components.
3. Helmets and full fire suit (top and bottom), neck collars and gloves required at all times. Head and neck restraint as well as helmet skirts are highly recommended.
4. Roll cage must have roll bar behind driver's head of four-point roll cage. Minimum of Four (4) bars in driver's door and a maximum of three bars through front firewall (optional) and maximum of two bars through rear firewall (mandatory) allowed.
5. All cars must have an SFI 5-point harness and window net required; net must release at top left corner. No older than 5 years old.
6. All cars must have a fire extinguisher with a gage in reach of the driver.
7. Aluminum racing seats are mandatory and must mount solid to roll cage. (SFI rated seat is highly recommended)
8. Drivers compartment must be sealed from engine, trunk area and floorboard.
9. No racing radios permitted but Raceceivers are mandatory anytime car is on track.
10. Gas pedal and cable maybe replaced with aftermarket pedal and rod.
11. Steering column may be replaced with straight shaft and must have at least one u joint outside of firewall excluding the one on the steering box.

## **Protests:**

1. Only drivers may protest. Protesting drivers and protested cars must have finished in the top ten and be on the lead lap. All protests must receive an approval of the Head Technical Official. Spite protests and unsportsmanlike protests will not be accepted.
2. All protests must be submitted to pit officials in writing within 10 minutes of feature race completion and be accompanied by \$250.00 CASH. The driver who wins the protest will receive \$225.00.
3. Driver can only protest three times in one season and must wait three weeks before protesting again.
4. Drivers or cars found illegal forfeit all points and moneys earned for the entire race meet.
5. Refusal to comply with a protest or to tear down when instructed by Speedway Officials will result in a fine equal to protest amount, an automatic two race suspension for driver and loss of points and moneys earned for the evening. Upon returning to competition driver must agree to tear down after racing events for free.