

## **2012 Pro Stock Rules**

**Areas highlighted in red are changes for 2012**

Revised 5-5-2012

### **PRO STOCK:**

Any North American made car 1968 to present. This division was created as a controlled, economical and competitive form of entry level racing. The racecars are to remain as stock as possible to control costs. No jeeps, station wagons, compact cars, trucks, four wheel drive vehicles, convertibles or Corvettes. NO ENDURO CARS.

### **FRAMES:**

Frames MUST remain STOCK APPEARING.

Frame rail front to back must be constructed with a minimum of 2x3 box steel.

Cars with uni-body construction must be connected from the rear of the front clip to the front of the rear clip. 2x3 frame material can be used to replace stock frame. 10 inch circumference to tie uni-body together.

Minimum 103" wheelbase allowed.

Roll cage must be four post design. Top of roll bar must be connected to form a box section and be at least four inches above driver's head. Bars must be securely fastened to FRAME by WELDING. No screwed pipe fittings allowed. All roll bars must be a minimum of .090 wall thickness. Seamless tubing of 1 1/4" or seamed tubing of 2" outside diameter must be used. Must have at least three (3) door bars on driver's side and two (2) door bars on passenger side.

Bracing around engine and radiator required with a maximum 2" pipe. One loop must be used with bracing allowed on each side from loop to frame and must be tied into main roll cage.

Bracing must be kept inside fenders. No bracing may extend beyond bumpers. No sharp edges allowed.

Two (2) bars must run from top of roll cage to rear frame. Bracing must be inside trunk.

Cars must have securely fastened front and rear bumpers AT ALL TIMES!

Rub rails are not permitted.

NO EXTREME BRACING ALLOWED

### **FRONT SUSPENSION:**

All suspension parts must be stock or stock replacement and mounted in stock location.

No coil-over racing type shocks.

**Heim end shocks are allowed BUT: THEY MUST BE NON ADJUSTABLE FIXED END SHOCKS.**

NO OUTSIDE ADJUSTMENTS OF SHOCKS.

**NO GAS FILLED ADJUSTABLE Shocks.**

All springs must remain in stock location.

No weight jacks.

No heim ends anywhere in the suspension.

No adjustment nor adjustability of suspension components in any way.

Front shocks must be in stock location.

Tubular A-arms may be used.

## **REAR SUSPENSION:**

### **SHOCKS:**

All suspension parts must be stock or stock replacement and mounted in stock location.

No coil-over racing type shocks.

Heim end shocks are allowed but: **THEY MUST BE NON ADJUSTABLE FIXED END SHOCKS.**

NO OUTSIDE ADJUSTMENTS OF SHOCKS.

**NO GAS FILLED ADJUSTABLE SHOCKS ALLOWED.**

### **SPRINGS:**

All springs and spring pockets must remain in stock location.

Rear leaf Spring cars: May use steel or composite leaf springs, but must be STOCK APPEARING and FULL LENGTH.

Strut Cars: Must have leaf springs or coil springs on rear.

**No leaf spring slider mounts permitted.**

Rears can be dropped and blocks are permitted under rears.

No adjustable blocks under rears.

**ALL STOCK AND AFTERMARKET SPRING PADS, CLAMP ON BIRDCAGES, ETC MUST BE FULLY WELDED (NOT TACKED) TO THE AXLE TUBE, NO EXCEPTIONS**

No adjustment nor adjustability of suspension components in any way.

No weight jacks.

No heim ends anywhere in the suspension.

No panhard bar(s) allowed.

No lift bar(s) allowed.

### **BRAKES:**

Must have operational four (4) wheel brakes.

### **ENGINES**

ENGINES MUST REMAIN STOCK! Maximum engine size is 355 GM, 357 Ford, 366 Mopar. Maximum overbore for cleanup is .030. Modifications are NOT ALLOWED! Must use GM in GM, Ford in Ford, etc.

### **PISTONS:**

Stock flat top pistons only.

**CARBURETOR:**

One 2-barrel RODCHESTER carburetor only. No throttle body solenoid operated carburetor.  
Stock original equipment two barrel carburetor and four barrel in-take is permitted. Adapters permitted.

**FUEL:**

Racing gasoline only. No alcohol. No additives. FUEL WILL BE CHECKED

**HEADS:**

Dart or Angle-Plug heads are permitted. No aluminum heads. Headers permitted.

**CAMS:**

Hydraulic or solid cams are permitted. No roller cams or roller lifters.

**VALVE TRAIN:**

Roller TIP rockers are permitted. High valve covers are permitted.

**IGNITION:**

Stock type ignition only. No super coils or MSD ignition.

**ENGINE SETBACK:**

Motor may not be set back past No. 1 plug to center ball joint. (IF NO TOP BALL JOINT, THEN OFFICIALS WILL USE BOTTOM WITH A HALF-INCH SETBACK ONLY.)

**REAR ENDS:**

Ford 9" rear optional with mounts in stock location on any model car.  
Stock rears only.

**ALL STOCK AND AFTERMARKET SPRING PADS, CLAMP ON BIRDCAGES, ETC  
MUST BE FULLY WELDED (NOT TACKED) TO THE AXLE TUBE, NO  
EXCEPTIONS ABSOLUTELY NO TAMPERING WITH AXLE TUBES.**

Rears may be locked and gears may be changed.

**TRANSMISSIONS - CLUTCHES - NO AUTOMATIC TRANSMISSIONS.**

Stock transmission only. Transmission must be GM to GM, Ford to Ford, etc. **FACTORY IDENTIFICATION NUMBERS MUST BE IN PLACE.** Must have working reverse.

Stock type clutch only. No aluminum flywheels. No multi-disc clutch.

CLUTCH MUST BE WORKING AT ALL TIMES.

Drive shaft loops required.

Drive shaft must be painted WHITE.

A two (2) inch diameter viewing hole located two (2) inches behind the flywheel is required. Dust covers must be easily removed for tech inspection.

## **BODIES:**

All bodies MUST BE IN GOOD CONDITION, STOCK APPEARING, AND SECURELY FASTENED. No sharp, loose or ragged edges. HAND-MADE STEEL panels will be permitted.

NO WINGS OR SPOILERS OR A TRUNK LID THAT APPEARS TO LOOK LIKE ONE. HIGHEST PART OF TRUNK LID MUST BE AT BACK FOR REAR GLASS AREA.) NO SPOILERS, WINGS OR AIR DAMS. AIR DAMS NOT ALLOWED ANYWHERE ON CAR.

**AREA BETWEEN BOTTOM INSIDE OF DECK LID AND "TOP" OF MAIN FRAME RAIL MUST BE PERMANENTLY CLOSED IN.**

Rear Quarter panels must have radius corners. NO SQUARED OFF, OR 90 DEGREE BENDS ON REAR QUARTER PANELS.

Car must have a complete floorboard; it may be patched with steel only. No aluminum.

No aluminum body panels (fenders, doors, roof etc.). HAND-MADE STEEL PANELS ONLY.

**BODY PANELS MUST HAVE STOCK APPEARANCE.**

ALL GLASS MUST BE REMOVED. No windshields are permitted. No broken glass may be in any part of car including door panels.

All flammable materials must be removed from car.

Window screens are mandatory in place of windshield. THESE MUST BE SECURED WITH THREE SUPPORTS.

Original firewall in stock location and must be completely enclosed. No open holes. Cars must have a complete steel firewall between trunk and driver. No aluminum.

Inner fender wells can be removed from the rear end of car, and the inner deck panels can be removed and replaced with new metal.

The fuel cell can be placed and lowered between the frame rails. It may not sit lower than the center of the rear end.

Driver compartment MUST BE OPEN inside DOOR TO DOOR.

Racecars must be safely maintained and kept in presentable condition.

## **FRONT ENDS:**

**SLOPED FRONT ENDS (LATE MODEL NOSES) WILL NOT BE PERMITTED. IF NOSE OF CAR COMES INTO QUESTION TEAM MUST PRODUCE PROOF OF MANUFACTURER AND MODEL.**

Plastic bumpers permitted front or rear providing they cover steel bumper.

## **WHEELS:**

Steel wheels only with eight (8) inch maximum rim width. All wheels must be reinforced and be attached with oversize lug nuts. Steel beadlocks are allowed.

## **TIRES:**

**Hoosier Racing Tire On All 4 Corners**

36-143 - 26 /8.0-15 SCL MEDIUM, HARD

36-149 - 26.5/8.0-15 SCL MEDIUM, HARD

36-155 - 27.5/8.0-15 SCL MEDIUM, HARD

**36-156 - 27.5/8.0-15 NRM MEDIUM, HARD** (\*direct replacement for the previous right rear tire, the 36-155 - 27.5/8.0-15)

(2008 Tires can still be used)

8.0/84.0-15 D 30

8.0/87.0-15 D 30

## **WEIGHT:**

Total weight of car and driver may not be less than 3,000 pounds. Weigh-in to be after any event or qualifying. Weight to be measured as car comes off the track in the condition that it took the checkered flag. Any added weight must be securely fastened. Weight measured by Selinsgrove Speedway scales. Any car in the top 5 of any event, or any other car directed by speedway officials, that does not go directly to the scales first before the car stops with the crew and/or at the trailer will be disqualified and scored last for that event.

**IF A CAR FAILS TO MAKE WEIGHT THE FIRST TIME ACROSS THE SCALES, THE DRIVER WILL BE GIVEN THE BENEFIT OF THE DOUBT AND BE GIVEN A SECOND CHANCE ACROSS THE SCALES AFTER THE CARS IN QUALIFYING ORDER HAVE BEEN WEIGHTED. UPON REWEIGH THE DRIVER WILL BE ASKED TO SHUT HIS ENGINE OFF AND SIT STILL IN THE SEAT, IF AT THAT POINT THE CAR STILL DOESN'T MAKE WEIGHT IT WILL BE CONSIDERED DISQUALIFIED FOR THAT EVENT.**

**THE READING ON THE SPEEDWAY SCALES ARE FINAL.**

Any car required to be weighed at the completion of any event that does not meet the minimum weight requirements will be disqualified and scored behind all other cars that were on the track at the end of the event.

**ALL WEIGHT IS TO BE EITHER WELDED OR PROPERLY SECURED TO THE CAR WITH NO LESS THAN GRADE 8 BOLTS AND LOCK NUTS.**

The number of cars required to be weighed for any event may be changed by track officials and teams will be notified.

## **SAFETY EQUIPMENT:**

High back seats are mandatory.

Full face helmet and visor, 5A2000 Standard Snell approved or newer is mandatory. 5A2005 Standard Snell approved or newer is suggested.

Driving Uniforms are mandatory. It is suggested they be flame retardant and a minimum of two layers. Racing Shoes are mandatory. It is suggested they be flame retardant racing shoes.

Gloves are mandatory. It is suggested they be flame retardant racing gloves.

Front windshield protection is mandatory. It is suggested to be a minimum .090 screening. Kill switch within reach of driver is mandatory.

10" minimum vertical opening on right side of cockpit is mandatory.  
Driver side window net is mandatory. (must be closed while on track)

Minimum 3 inch wide seat belts, mounted to frame with bolts or looped over frame tubes, belts traveling through bottom of seat are mandatory and minimum 3 inch wide shoulder harness double over shoulder, military shoulder straps with anti-sub crotch belts, harness to go over a horizontal tube located no less than 3 inches below the top of the driver's shoulders are mandatory. It is suggested all these belts be less than 2 years old.

## **Other Suggested Safety Equipment:**

Knee pads or padding around steering.

Flame retardant underwear.

Flame retardant head sock

Flame retardant foot socks.

Neck collars.

Headrest padding.

Right side head net or support with quick release capabilities.

Arm restraints.

Head and Neck Restraint System (HANS, Hutchens, D-Cell or other brand)

Securely mounted fire extinguisher within reach of driver.

**RADIOS/TRANSPONDERS:**

No radios (one way or two way) or other means of electronic communications between the driver and anyone other than track officials is permitted.

All drivers are required to use a receiver capable of receiving frequency 454.000 for one way communications from track officials.

Pro Stocks are required to use transponders. Rental units are available from the speedway.

**MISCELLANEOUS:**

**CAR NUMBERS:**

Car Numbers must be at least 18" high and 2" wide and painted on both sides. No rear view mirrors of any type.

**FUEL CELL - TRUNK AREA:**

Fuel cell is mandatory and must be securely fastened with at least two (2) one inch straps inside the trunk.

Steel trunk floor may be altered to allow fuel cell placement between frame rails. Fuel cells may not sit lower than the rear end.

Fuel cell vent hose MUST extend equal to or lower than bottom of fuel cell.

The battery may be relocated but must be securely fastened and have a protective covering regardless of location.

There will be a time limit on the Pro Stock heat races: 5 laps, or 10 minutes, whichever expires first.

The time limit on the feature event, unless it is the last event on the program, will be 15 laps or 30 minutes.

**NOTE:**

**\*\* BE AWARE THAT YOUR CAR AT ANYTIME EITHER IN YOUR PIT AREA OR AT THE SCALES CAN AND WILL BE CHECKED AS PER THE RULES:**

**\*\* IF AT ANYTIME YOUR CAR DOES NOT MEET THESE STANDARDS IT WILL BE DISQUALIFIED FOR THE EVENT.**