



## 2017 LPS SUPER STOCK RULES

\*\*MUFFLERS OPTIONAL

\*\*NO STOCK BODY PANELS

**All cars are required to have a working RACEceiver.**

**CHASSIS:** All cars must be rear wheel drive with a stock front sub frame **108" minimum wheelbase**. Front clip must maintain factory dimensions. Maximum wheel width not to exceed 80" (measured from outside of tire to outside of tire.) Any style of clip may be used with any style of engine. (i.e. GM to Ford, Ford to GM) Competition type 4point roll cage is required and it must be constructed with tubing at least 1.5" in diameter. At least 3 bars are required in the drivers door also at least 3 horizontal bars are required between driver and the right side door. Three driver protection bars are required in the windshield in front of the driver. **NO TRUCKS, STATION WAGONS, CONVERTIBLES OR COMPACT CARS ALLOWED. 2900 POUND MINIMUM WEIGHT WITH DRIVER AFTER ALL RACING EVENTS.**

**BODY: (SEE BODY DRAWING)** Body parts must be fabricated from aluminum. No lips on bodies or nosepieces. All side panels must be flush with rest of body throughout bodyline. Side panels cannot be taller than hood or trunk lines. Rear deck height not to exceed 39" measured from ground.

**SPOILERS:** 8" maximum spoiler. Spoiler supports no higher than 8 inches at the back and 4 inches at the front. 3 supports maximum. Side supports may be 18" long measured from the bottom forward. Bumpers must be rolled on the ends and finish inside the body. Nose of car may be no more than 12" wider than body of car. Body is 75" maximum. Nose may be maximum of 87" wide and extend no further back than the center of front tire. **Flat roofs allowed.** Roof must be straight at the rear and the front with 1inch maximum lip on the sides for strength. Do not enclose underside of roof. 4 inch maximum drop from rear to front.

**INTERIOR:** Firewall and floorboard must completely enclose the drivers' compartment. Dash must be a minimum of 32" forward of decking behind drivers seat all the way across, and 30" from outside of drivers door to decking on the right side of drivers compartment. Interiors are permitted to drop to the middle of the car a maximum of 3" below the top of the doors and a

minimum of 12" below roll cage. If interior is flat it MUST maintain a 12" clearance from roll cage for easy exiting from either side of car.

**SUSPENSION:** Stock steering box must remain in stock location for year and make of the sub frame. The driver must sit in front of the left rear wheel and to the left of the drive shaft. Steering quickening devices will be allowed.. Stock lower A Frames must be used. A Frames may be lightened. Tube type after market and modular style upper A Frames allowed. Stock (unaltered) spindles and center link must be used. Heims are allowed for tie rod ends but steel tubes **MUST BE USED**. Weight jacks are allowed on the front only of leaf spring cars but will be allowed on both front and rear of a coil spring cars and they must not be adjustable from the drivers' compartment. Shocks may be mounted in any location, one shock per wheel. No rear end location devices. **NO COIL OVER SHOCKS OR COIL ELIMINATORS. NO LIFT BARS, NO FIBERGLASS LEAF SPRINGS, NO PULL BARS OR REESE BARS.** All cars must have 108" minimum wheelbase. **NO COMBINATION CARS** Must be leaf springs or coil springs (no combinations of the two). **All coil springs must be tethered or cabled.**

**Coil Spring Cars: (SEE DRAWING)** Rear suspension must have stock length trailing arms. Trailing arms **MUST** use stock OEM or stock replacement type, rubber or urethane bushings. No bearing type bushings allowed. Trailing arms may be made from tubing (a solid one piece length of tubing) for strength. Coil springs must be inline with the front or rear of the axle tube and level with or above the top plane of the axle tube. Upper trailing arm mounts on rear end housing cannot be adjustable (No multiple hole mounts). Coil springs must be mounted 90 degrees to the ground, inside or outside of the frame rails within one inch and must resemble stock appearing springs. Springs must be tethered.

**TIRES & WHEELS:** No aluminum or mag wheels allowed. No stock wheels allowed on the right side of the car (racing or white spoke wheels recommended). Maximum wheel width 8". Bead locks are allowed. 1" lug nuts are required. Tires – only the Hoosier EMod A40, D40 or H40 compounds will be permitted. Grooving is strictly prohibited on all tires. Only the A40 and H40 may have slight siping. No grinding on sidewalls. Recapping is not permitted.

**ENGINE AND DRIVE TRAIN:** If engine is set back, number one spark plug must be in line with or in front of the centerline of the upper ball joint. **NO ALUMINUM BLOCKS OR HEADS.** Carburetors no more than 4 barrels. No fuel injection, turbo chargers, super chargers, nitrous oxide, electric fuel pumps, dry sump systems (accusumps are okay). Gas, E-85, E-98 or Alcohol fuel only. Aluminum intakes and headers are allowed. Headers must not pass through the drivers' compartment. Bert, Brinn or Stock transmissions only.

Automatics may be modified to run without torque converter. Mini clutches are allowed. Car must be self starting and able to move forward and backwards with the engine running. **NO ALUMINUM DRIVE SHAFTS!** No quickchange rear ends. 9" floater rear ends okay, but no birdcages. You must run weld on spring perches. Rear end may be locked with a spool or the spider gears may be welded.

**MISCELLANEOUS:**

Rear disc brakes will be allowed. Brake calipers must be stock. **NO AFTERMARKET, DUAL PISTON OR ALUMINUM CALIPERS ALLOWED.** Racing brake pedals and hydraulic clutch pedal will be allowed. Tow chains are required on the front and back of the car and must be capable of lifting the weight of the car. Drive shaft hoops are required within 12" of the front

of the drive shaft. Drive shaft must be painted white and kept white all year. All weights must be mounted securely to the frame or roll cage with two 1/2" bolts. All weights must be painted white and have your car number on them, if they don't; your car will be weighed without them MINIMUM WEIGHT 2900 LBS. No radios, computers, transmitting or listening devices. No traction control devices of any kind. All cars must be clearly and neatly lettered with numbers at least 20" high on both sides and top of the car. Your car number must STANDOUT from the other lettering on your car. If you know there is someone with the same number as yours, you may want to add a letter or you may be asked to add an X at the track. THIS IS VERY IMPORTANT TO SEE THAT YOU ARE SCORED

SAFETY: Driver side nets are highly recommended. Competition seat, 5point safety harness (not more than 3 years old per manufacturing dates on belts) approved (SNELL 2010 or newer) helmet and complete fire suit is required any time your car is on the track. Gloves are recommended but are not mandatory. Fire extinguisher is required in each cars pit area. Fuel cells are required and must be securely mounted with 2" by 1/8" steel strapping. No fuel filters inside the car. Fuel lines that pass through the car must be in steel tubing. Firewall is required between the driver and fuel cell. Seats must be mounted to the roll cage of the car. If you have a fiberglass seat, it must be mounted with bolts at least 3/8" dia. and washers at least 1.5" wide (aluminum seats are recommended). Shoulder harness and lap belts must be securely mounted to the roll cage with 3/8" min. diameter bolts.