80 and newer pro stock class

GENERAL

- 1. Any American-made sedan or station wagon 1980 and newer.
- 2. Helmet, seat belt, and eye protection must always be worn. Long sleeves and Long pants recommended.
- 3. Any controversies or protests must be brought up during the drivers meeting.
- 4. Any questions call first. If it doesn't say you can don't do it. Cars must be stock. No painting of the frames. If the car is black it must have a 12" x 12" roof sign.
- 5. Judges decisions are final. All cars are subject to re-inspection at any time before, during, or after the event. All glass, plastic, and interior must be removed before arriving to the event.

IF IT DOESN'T SAY YOU CAN DO IT THAN DON'T ONLY MODIFICATIONS PERMITTED TO CAR ARE OUTLINED IN THE FOLLOWING RULES

FRAME AND BUMPERS

- 1. Trailer hitches and braces must be removed. No frame welding other than what is stated in the rules.
- 2. You may cut the flaps and tilt the frame in 1 place and in 1 direction. No seam welding on frames permitted.
- 3. Shaping or hammering of the frame only permitted done in the rear arch only. You may crease, notch, or dimple rear 12" of the frame to help car roll.
- 4. Bumper brackets or shocks may be no longer than 6" any factory car bumper bracket permitted instead of bracket you may use a 1/4" X 4" X 6" plate for bumper bracket.
- 5. Front frame may be shortened to the front edge of front body mount. Do not move factory body mounts Bumper may be welded directly to frame. No adding metal. On the back side of bumper where shock mounts you may use A ¼" X 6" X 6" piece of flat metal to create a flat mounting surface.
- 6. Bumper swaps ok must be factory car bumper any year bumper permitted. Bumpers may be loaded all work must be done inside of the bumper they must look factory when looking at them no homemade bumpers permitted.
- 7. Car must set level bumpers cannot be higher than 22" to bottom of bumper or lower than 15" to bottom of bumper.
- 8. On pre-ran cars you may use 4 4"X 4" X 1/4" fix it plates where frame is bent must be a visible bend to have fix it plates. If there is no visible bend the plate will have to be removed.

BODY / CAGE

- 1. Doors may be welded with 3 3" X 5" X $\frac{1}{4}$ " plate per door seam or can be fastened shut with 9ga. Wire or banding
- 2. Deck lids must be in original position above rain channels or they may be removed from car. No wedging. Body creasing is ok. Deck lids may be welded with 3 3" X 5" X 1/4" plate per seam.
- 3. Hood can be bolted down in 6 places 4 spots sheet metal to sheet metal and 2 front body mounts that may extend through hood. If using wire, you may use 8 double strands of #9 wire 2 may go around bumper and or frame. Hoods must be open for inspection. (12" x 12" hole over carburetor). You must have a 12" X 12" inspection hole in deck lids.
- 4. Factory body bolts may be changed to 5/8" bolts there must be a 1 "gap between body and frame you can use steel spacers, hockey pucks, or stack of washers nothing used may be bigger than 3" in diameter. Body washers inside of car can be no bigger than 3" in diameter. The front 2 body mounts may be 1" and extend up through hood.
- 5. No seam welding will be permitted on body. Repairing sheet metal is limited to where the battery box and gas tank and driver's area of the floor boards of the car.
- 6. Front body spacer may be 6" tall maximum and must remain below the core support.

- 7. You may have a bar in the dash area and a bar behind the seat with bars connecting the dash and rear bar on each side. Side bars must be inside of car not inside of doors. Roll over bar is permitted No down legs permitted. Gussets permitted in corners of cage must be done at corners only. No bigger than 4" in diameter bars and you can use a ½" X 10" X 10" plate to attach bars to the sheet metal. No kickers or down legs permitted. You may have a gas tank protector no wider than 32".
- 8. Dash bar must be 5" from firewall rear bar can be no farther back than where the kick panel meets the seat all bars must be 5" off the transmission tunnel.
- 9. Original gas tank must be removed and replaced with a boat-type tank or fuel cell. Moved inside of car behind driver's seat but no further back than rear axle. Batteries must be moved to passenger side floor board and securely fastened these must be covered with A rubber or non-flammable material.
- 10. You may use expanded metal or a factory air condenser on core support in front of radiator this may be attached with 4 3/8" bolts or 4 1" welds
- 11. On 03 and newer fords you must use factory aluminum cradle and suspension components. You can not tilt a 03 and newer ford.

Suspension

- 1. Tie Rods may be reinforced. Any rear end permitted.
- 2. Watts link conversions on 98 and newer cars are permitted you must use 1/4" X 2" X 2" square tubing or 2" round pipe for rear trailing arms.
- 3. You can weld front a arms down using a ¼" X 2" X 2" piece of steel front and back side of a arm you may also use ¼" X 2" X 2" square tubing or 2" round pipe for rear trailing arms.
- 4. No spacers or other metal permitted in, on top of, or around coil spring inside of frame on front coil springs.
- 5. Rear coil springs may be wired or chained. Solid suspensions are ok. All suspension components must remain factory stock no modifications will be permitted. Cars do not have to bounce. Front coil springs must remain stock car coil springs. You may use 1" all thread for shocks
- 6. You can use screw-in spacers to get ride height.
- 7. Leaf spring cars must remain factory springs. You cannot change coil spring to leaf spring set ups.
- 8. Any tire may be used.
- 9. Rear ends may be braced this cannot strengthen cars in any way.

Engine / transmission / drivetrain

- 1. Any car motor of choice is permitted. Must use frame mounts that have a rubber style bushing like a factory style mount. ZTR or equivalent mount will be permitted no solid mounts permitted. No chains on engine permitted.
- 2. Transmission cross member can be a factory one or a 2" X 2" square tubing only.
- 3. Angles for cross member can't be longer than 5" and must be within 12" from factory location.
- 4. Engine cradles are permitted trans braces are permitted. If using a cradle 3/4" or larger you can not have a trans brace. Slider driveshafts are permitted.
- 5. Aftermarket gas pedal, brake pedal, steering column, trans cooler are permitted these must not be mounted in a wat to strengthen car.