

SEMI STOCK RULES

2024

This class is open to all men and women 16 and over. 16- and 17-year-old must have the permission signed by both parents/guardians at the event. If both parents/guardians are not present to sign at the event, the permission will need to be notarized with the required signatures.

PARTICIPANT REGULATIONS

Driver may move forward or backward. Driver must make contact every 60 seconds or be disqualified. No sandbagging. If you sandbag the race will be stopped and the driver given a warning... No team driving allowed, not even on a sandbagger. Cars must move when hit or show visible damage. No driver's door hits allowed.

PREPARATION OF CARS

This class will be open to any year car! No screws allowed. NO PLASTIC GAS TANKS (heavy duty plastic racing fuel cells are allowed). No wedging, no sedagons, no jeeps, no trucks (ranchero and el Caminos are considered trucks), no carryalls, no Hearst, no limos, no convertibles, no suicide Lincolns or Tbirds. All glass, chrome, pot metal, lights, carpet, headliner, back seats, fiberglass, and anything else that is flammable must be removed before reaching the exhibit area (do not break glass down in the doors). Trunks must be empty of all debris, spare tire rims, parts, etc. Wagons must have spare tire flap removed or a hole cut in it for inspectors to see. ABSOLUTELY NO welding besides what is stated in these rules. UNLIMITED 9-WIRE. No Imperial or Imperial Subframes. You must have a number on both front doors big enough to read and bright enough color to see. Also must have number on roof with name on roof above front doors. Use your choice of number. No profanity allowed on cars.

SAFETY RULES AND REGULATIONS

1. Cars must have at least one bar no more than 2. No bigger than 2 inches wide by $\frac{1}{4}$ " thick or $\frac{3}{8}$ chain or 9 wire attached from roof down to dash area to prevent hood from coming in. No more than 4" on roof and 4" on the dash. May be bolted or welded. Rear window bars are not allowed.
2. Radiator overflow hoses must be pointed at the ground and fastened so they cannot shoot water towards officials or other drivers.
3. Header pipes must be pointing straight up and cannot be aimed towards the front of cars.
4. Note if you have a hole in the fire wall it should be covered.
5. Safety belts required.
6. D.O.T. approved helmets mandatory. Any driver using an open face helmet will not be covered by insurance if facial injury occurs.
7. Safety glasses or shield recommended.
8. Mandatory-you must wear long pants and a shirt (fire suit recommended).
9. 2 fires and you are out unless it's a fuel fire then it's just 1 fire and you are out.
10. No alcoholic beverages or drugs allowed in the pit area or on the track.
11. NO PIT PERSONS ALLOWED ON THE TRACK.
12. Note management does have the right to disqualify a car/driver at any time. Any person on track or causing trouble and not complying with the rules will be asked to leave (we can have you escorted off or have you arrested and you can be banned from running or being in the pit area at any future Demos).
13. Protests must be made no later than 5 minutes after the heat in question. No protests will be taken after the feature event. Only Drivers are allowed to protest a car. Officials will re- inspect the top cars.

ENGINE

May use any engine and transmission. You may use engine cradle for the sole purpose of protecting the engine block. Must only come in contact with motor mounts. The motor mounts are the only thing that can touch the frame. No DP's or protectors of any kind. You may use 2 chains to retain one on each side. No more than two links can be welded to frame. You may use header pipes. May have header protectors welded or bolted to header tubes only.

RADIATORS

May be removed but not relocated. .

TRANSMISSION / CROSSMEMBER

Transmission coolers are allowed. May have stock crossmember or 2x2 tubing You may weld a piece of 2x3 angle iron 4 inches long on the inside of the frame to mount the crossmember on. Crossmember may be bolted or welded to this angle. Transmission protectors allowed-TOP SIDE ONLY.

BATTERY

Must be in a secure position and be covered with something nonflammable like rubber tube, rubber floor mat, etc. Batteries must be secured so they don't move. 2 12v batteries max. Battery box must be at least 2 inches away from the crush box.

SUSPENSION

Must remain stock. No weld on shocks, no trailer hitches, special lifts, blocks, air shackles, air shocks, air lifts must be deflated. A Arms may be bolted, chained, wired down or welded with a max 2" strap with no more than 2" welded on the spring pocket only. Must be straight up and down . 2 straps per a arm. Spring spacers are okay. Leaf Springs must be stock with 2-inch stagger. May have a maximum 4- leaf spring clamps per side. Clamp material maximum thickness of 1/4 inch and no wider than 1 1/2. May reinforce the center of tie rods or use aftermarket tie rods but must have factory tie rod ends. No Heim joint ends. Suspension parts may be changed as long as OEM parts are used that bolts on with no welding.

REAR ENDS

Any 5 lug or 8 lug rear end may be used. Locking of rear ends permitted. Axle savers, pinion breaks, bracing of rear end is ok.

DRIVE SHAFTS

May be shortened or lengthened or you may use slip drive shaft.

TRAILING ARMS & A-ARMS

May be shortened or lengthened with no more than 2" overlap. CAN BE reinforced but MUST BE factory trailing arm.

STEERING COLUMN/BRAKES/SHIFTER

You may change the steering column. Brakes must work. You may have aftermarket shifter AND pedals.

HOOD

Hood must remain in factory position. 6 hood bolts allowed only 2 may go through the frame outside of radiator. Bolts must not be any bigger than 3/4 with washers no bigger than 6 inches outside diameter. Can have a 4" tall or less core support spacer free floating between core support and stock frame mount. You must have 2 holes cut in the hood big enough for fire extinguisher. Not directly over carburetor. You may use 20 bolts total around header holes and seams no bigger than SAE 3/8 with washers no bigger than 1 inch outside diameter.

TRUNK

You can use 4 3/4 bolts in trunk and 2 may be welded vertically to side of frame with no more than 4" of weld or go through frame with washers no bigger than 6 inches outside diameter. Trunk lids must remain 100% in stock location on factory hinges. Speaker deck must remain in stock position Tucking of trunk lid is allowed, You may chain or nine wire. **NO MORE THAN 50% OF TRUNK MAY BE TUCKED OR REMOVED.** You may weld 5 on 5 off with a 2 inch wide straps or use 3/8 bolts in the same manner.

BODY

No seam welding, no patching. Pre-denting is okay. You can body crease front fenders along with rear quarters. Rear quarters and tail light lance area attachment points must remain vertical straight up and in factory position.

FENDERS

Fenders may be trimmed and 10 bolts may be used per fender. Bolts are to be no bigger than 3/8 with washers no bigger than 1 inch outside diameter.

BODY MOUNT BOLTS

Must be factory. Bushings must be factory or hockey pucks. You may change up to 6 factory body bolts to 3/4" and use (2) 3x3 washers and (2) nuts per bolt. Core support all thread counts for 2 of those locations. If any other body bolts are broken or missing they can be replaced with **7/16 BOLT**.

FRAME

Absolutely no welding on frame except where stated in these rules.. No reinforcing of frame what so ever. You can notch the frame. **PATCHING OF FRAMES** Fresh cars-can have 2 patch plates Preran cars you can use 6-4x6 x 1/4 plates **TOTAL** to be placed in any location. Plates must have at least a **1"** gape between them. No painting on frames. If frame has been painted, we will **NOT** inspect it. You may beet in the sides of the rear humps from front of arch to rear of arch only. **GM ONLY** may have a 4x14" hump plate. 1 per rail. Must be in the center of the hump and follow the contour of the frame. If re- stubbing a car must be pre ran car. If you do it in front of the boxes it must be butt welded. If re-stubbed behind boxes there can be 2" overlap.If you have to cut anything off the frame all material will be cut off. Only thing allowed to be left is the weld. **Cold tilt or weld tilting allowed.**

DOORS

All doors may be welded solid with a strap no bigger than 3 inches, on the outside only **OR** you may chain or wire doors shut. On wagon tailgates **NO WELDING**. You may chain or nine wire in four places.

CAGE

You may have a 6 point cage with two side bars and three cross bars. The side bars cannot extend past the dash area in the front and must be no further back than 2 inches in front of rear inner fender wells. This can be welded in. Absolutely no kickers. You may have a halo bar. You can have 4 down tubes to

the flat top side of the frame. Can have one on each side in between the front inner door seems only, material for this must not be bigger than 6" Halo cannot connect to the windshield bars or the roof sign. Gas tank holder or 3rd cross bar must be at least 4" away from the package tray. No part of the cage can be past the package tray. Front cross bar must be 4" or more away from the fire wall and trans tunnel.

BUMPERS

You may use any stock bumper. You may load your bumper. Skin may be welded down. OEM replica bumper ok. Must be stock appearing. Chrysler replica point can not be more than 14" measured from the mounting surface to the tip and must be 32" wide at the base of the point. If the point is any bigger you will not run. You may collapse and weld shocks. Bumper may be hard nosed. Bumper can be welded on with 2 4x6x1/4 flat plate 1 per side or they can be wired, chained or bolted from mount to mount. Bumper can be no higher than 22" from the ground to bottom of the bumper or lower than 14" from the ground to bottom of the bumper.

GAS TANKS

Fuel cells/metal boat tanks must be placed in the back seat area and properly secured. NO STOCK TANKS. Fuel cells must be secured so there is no movement (Do not use bungee cords for this). If the tank is not secure you will not be running. Fuel cells must have secure caps and be leak proof. All fuel lines must have no leaks. Stock gas tanks must be removed. NO PLASTIC TANKS (heavy plastic racing fuel cells may be used).

TIRES

Fork Truck tires are okay. Tire inside of tire is okay. No fluid inside of tires. Valve stem protectors okay. NO reinforcing of rim. May have full weld in centers. No implement tires, no tractor tires.

This is a stock class. It will remain a stock class so do not do any more than what is stated in these rules. Do not do anything to make your car illegal after inspection. If this happens you will be disqualified and have no return of entry. Don't assume you can do it. If not stated in these rules, call first. Officials have the right to re-inspect your car at any time. Judges decision is final.