

2023 DEMO RULES

no phones or communication devices in car

Prep car as in GENERAL RULES

Type of car – 1980 and up

4cyl & 6 cyl

Any compact or mid size, front wheel drive car, FWD Mini Van, or station wagon with 4 or 6 cylinder and you may run RWD cars. No full size cars. No Four wheel drive or all-wheel drive cars

Gas Tank

Gas tanks may be moved to back seat area. Must be securely fastened by straps, bolts or a gas tank protector. Lines must be double clamped or use the factory connectors. If the gas tank is in front of the rear axle it may be left in the stock location. A gas tank protector is strongly recommended. Gas tank protector can be up to 1/8 inch plate. Plate can be bolted to the floorboard of the car. Gas tank protector may not strengthen the car in any way. Gas tank protectors are allowed inside of the car. They cannot support or be tied into the frame of the car or support the doors of the car in any way. You can move the filler neck from stock location to inside of the car. Must be securely fastened. If a car is leaking or spilling gas in any way the car will be disqualified from the event.

Rear Suspensions

Front Suspension

Front struts can be braced. You can weld the A arm of the car to set the height of the car (No reinforcing the frame or reinforcing the A arm.) Tie rods may not be reinforced, no aftermarket tie rod ends will be allowed.

Doors

All doors may be welded with flat bar no longer than ¼” thick x 3 inches wide. 6 Plates per door 4 inches max length Door may be wired or chained.

Trunk

Trunk seams may be welded with a strap no larger than ¼” thick x 3 inches wide. 6 Plates allowed on the trunk 4 inches length. Trunk may be pre bent or tucked

Cage

A cage is highly recommended. It must consist of a driver's door bar and a passenger door bar, bars no smaller than 4 inch wide and no larger than 12 inches wide. You must run a front and rear bar from door bar to door bar. It must be no smaller than 2 inches and no larger than 6 inches. If you have down bars off of your age they must be welded to sheet metal only. You may tie the driver's side door bar to the frame or unibody (driver's side only). It must be straight off of the door bar to the frame or unibody.

Rollover bars are permitted. Can be welded to cage. Cannot be welded to the frame.

Kickers are not allowed in this class. No bracing or additional metal welded to the cage in this class.

Hood and Core Support

Core support may be bolted with all thread rod no larger than 7/8”. You can run it all the way from the frame through the hood. Wire, chain or bolt the hood down in 6 spots. The all thread through the hood count as (2). A hole must be in the hood for fire detection.

Battery

One battery of any size is permitted in the front passenger floor board. Battery must be secured and covered.

Tires

Any tire size is permitted; any ply must be dot No studded tires; no screws in rims. Valve stem protectors are allowed. No steel plate tire protectors over tires or attached to the rims

Radiator

Radiator must remain in the stock position. Stock overflow only

Bumpers

Any passenger car bumper may be used

Bumpers cannot be wider than the car or fenders. (Measurement will be based off of the narrowest width part of the car.)

You may put a piece of pipe or tube steel in the frame, one on each side of frame, to weld to the bumper. This is to replace the bumper shock and attach bumper. The pipe or tube steel cannot exceed 12 inches long from the front of the factory frame. Don't bend this rule.

You can weld an 8" x 8" X1/2" thick plate to the end of the frame to mount the bumper to. You can bolt or weld the bumper to the plates

Windshield

If windshield is good can be left in, if it has cracks or you want to take it out you must have at least two bars from roof to cowl panel.

Body Mounts

Body mounts must remain stock

Body

No additional / extra metal can be added to the body of the car.

Fender and quarter panels can be bolted. No additional metal may be added. Bolts can only be bolted to the sheet metal of the car.

Frame

No reinforcement to the frame or unibody.

Frame and unibody must remain stock. The exception to this rule is the mounting pipes or tube steel that can extend 12 inches into the frame to attach to the bumper.

Engine & Transmission

Engine and Transmission mounts can be welded chained or bolted solid.

Roof Sign

Cars can have a 2 ft. by 2 ft. roof sign with the car number on it. Must be bright paint or bright stickers.

Roof signs must be securely fastened to the car in such a way as to ensure it does not become detached.

Car numbers must be clear and big on roof and both sides of car.