

# Grand Motor Crash, Inc.

2023

## SUPER STOCK RULES (1977 & NEWER)

**VEHICLE PREPARATION:** All glass/trim pieces and lights must be removed from the car before it is brought onto the fairgrounds. Glass cannot be rolled down into doors. Remove all flammable cloth/leather/vinyl/carpet/ interior decoration, from vehicle interiors and trunks. A/C coolant must be removed. Stock gasoline tanks must be removed before entering the fairgrounds. No antifreeze allowed. No Wheel Weights allowed. No wood, paper, tires, car parts will be permitted as reinforcements. Concrete is not allowed in any vehicles. Air bags must be removed completely.

**DUCT TAPE ON DOOR POSTS ONLY AFTER INSPECTION IS COMPLETED. NO NINE WIRE AND CARS STAY IN INSPECTION LINE UNTIL CALLED TO COMPETE.**

### **SAFETY CAGE: (NOT MADATORY – HIGHLY RECOMMENDED)**

6"x6" max material. Dash bar mounting plates 6"x6"x 1/2". Seat bar mounting plate 6"x14"x 1/2". Door bar has to be no closer than 10" from the front most lowest part of rear wheel well. Dash bar must be above steering shaft and minimum of 6" from firewall. Rest of cage must be 5" minimum from rocker panel. Quantity of four 4"x4" max down legs may be used, welded to the sheet metal, not to the frame. Down legs must be vertical no further forward than front door seam. Down bars may have mounting plate no larger than 6"x6"x1/4". Roll bar is allowed but only mounted to the top of the cage. Must be in the middle of the roof vertical no angle to front or rear of car and may be attached to roof in only two spots with two 1 inch bolts max and plates no larger than 4"x4". Roof bar must not be connected to roof sign. Tank protector is allowed must be 4 inches from anything behind it and 3 inches off the floor 24 inch max width 4"x4" max material no kickers, down bars or angle gussets allowed. Tank protector is to be only mounted to the rear seat bar between the frame rails. Battery box and mounting must only be mounted to the dash bar and 3" off of any sheet metal. This rule is designed for safety purposes only not for reinforcement.

### **REAR ENDS:**

Stock OEM housing for the car you are driving, in stock location. You are allowed to use pinion brake, no excessive mounting to reinforce the rear housing. Slider drive shafts are also allowed.

### **MOTOR & TRANSMISSION:**

Motors must be mounted with the OEM style mounts. Stock OEM bell housing, no steel bell housing. Transmission mounts may be moved or altered with no longer than 6" mounts. Motor may have lower cradle & pulley protector. **No distributor guards.** Transmission and oil coolers are allowed and can be mounted to the floor or cage but not both. If mounting to cage must be 3" off of any sheet metal.

**2003 AND NEWER-- you are allowed a motor mounting plate to mount your motor 1" past stock cradle bolts only no wider than frame and no wrapping of frame.**

**RADIATORS:**

Radiators must be automotive only. Radiator must be in stock location or no radiators. Tanks and barrels are not allowed. No antifreeze allowed. No excessive radiator guards.

**GASOLINE:**

All stock fuel tanks must be removed completely. Gas must be placed in a D.O.T. approved container with no chance for leaks at hose connection. Must have metal fittings and approved fuel lines. Fuel tanks must be strapped down with ratchet straps or threaded rod through body and must be secure. Tanks are recommended to be covered with nonflammable material, such as rubber floor mats. Or refer to the cage rule for mounting fuel tanks. You are only allowed to use one of the two methods.

**BATTERIES:**

Batteries must be 2 feet from gas tanks and strapped down to sheet metal or dash bar. Choose one of these methods only. If you prefer to mount to the dash bar refer to the CAGE RULE. Battery and gas tanks are recommended to be covered up or individually wrapped.

**BUMPERS:**

Any open ended car bumper can be used. No Loaded Bumpers. Bumpers can be welded to the frame. Frame may be cut to attach bumpers. Stock bumper shock per car you are driving only, inside of frame. No more than four 2"x2"x6" angle or tube per side for filler. If wanted a tube bumper can be used. 4"x4" ¼" wall and no wider than the tires. Two chains may go to or around bumper and be bolted to core support or body to keep the bumper from falling off on track.

**HOODS/TRUNKS:**

Two 12 inch holes must be cut into hood to put out fires. 6 3/8" bolts with 1" washers per opening are allowed. Hoods and trunks may be chained in 4 spots or 2"x2"x4" angle may be used in up to 4 spots welded to fender and hood or 2 bolts no larger than ½". A single bolt no larger than ½" holding the angles together. 1" threaded rod through front core support mount may be welded to frame vertically only, must not be welded to core support anywhere. Six nuts may be used per side and 5" washer on hood ¼" thick max. Max of 4" tall spacers 2"x2"x1/4" max material used between core support and frame. Cannot be welded to core support or frame. **MUST BE FLOATING.** Trunk area two 1" threaded rods welded to outside of frame welded vertically only, no spacers. Four nuts per side with 5" x1/4" thick max washer on top. Trunks can be tucked only; no shoveling or wedging is allowed.

**DOORS:**

Doors can be chained or welded—NOT BOTH. Plates for welding door shut may not exceed 3" wide ¼" thick. 5" on 5" off. Driver's side door may be welded solid. Plates cannot attach to frame. Sheet metal to sheet metal only. If using chains one chain per vertical seam not attached to frame.

**COWL:**

Two chains or flat stock/angle iron/square tube no larger than 2"x2" by ¼" thickness must be attached from roof of car to cowl for safety purposes, front only.

**CABLE SHIFTER/PEDAL SETUP:**

Cable shifter is allowed . You can run a bar for a cable shifter from the seat bar to the dash bar in the center; use same material as seat/dash bar. Only mounted to insides of the seat bar and the dash bar. Cable shifter may also be mounted to sheet metal if you do not want to run a bar. Pedals are allowed but only mounted to the sheet metal not frame. No excessive mounting plates.

**STEERING/SUSPENSION:**

Aftermarket steering columns allowed. No hydraulic steering. OEM car type steering and suspension components, bolt on only. **NO TRUCK PARTS.** Tie rods may be seam welded or 1" angle iron only. Stock control arms per vehicle you are driving. No reinforcing or strengthening control arms. Watts link cars must remain in stock position and stock location, no reinforcements. Front of car height to the extent of the stock shock. Rear height no lower than 15 inches from bottom of bumper.

**TIRES/WHEELS:**

NO SOLID tires, air filled only.—this will be up to the Grand Motor Crash's discretion. Half centers and full centers allowed, bead lip reinforcement not to exceed 2" is allowed, rim only. **No side wall protectors.** No bead lock rims.

**FRAMES:**

Painting of Vehicle Frames is not allowed. "A" arm forward top and bottom seam may be welded. ½" wide weld bead maximum . No tipping, cold bending or peening of frame or any other alterations. No other welding or alterations to frame are allowed in any way.

**FIX IT PLATE:**

We are allowing TWO fix it plates. This will be to repair a bent, broken, split or rusted out spot on the frame. Two fix it plates per frame. Plates to be no larger than 4" tall by 6" wide no thicker than 3/16". Must drill ½" hole in center of plates and paint it orange so that the repair is visible. Each plate must remain in one piece. If both plates are to be used on same side there must be 6" between each plate. **REMEMBER THIS IS A REPAIR PATCH ONLY. IF USED FOR REINFORCEMENT IT WILL BE CUT OFF.**

**BODY:**

No body creasing, peening, shaping, bolting, screwing or wiring of the body. No shoveling or wedging of trunk and speaker deck. Stock body bolts and mounts in stock location.

**MOVING CONTACT:**

Drivers must make contact with a moving car (still in the competition) every 60 seconds or you will be disqualified. Any car out of the blocked area is disqualified. We have changed the rules to help accommodate you drivers, please accommodate us by putting on a thrilling show without sandbagging.

BOTTOM LINE DON'T JUST ASSUME YOU CAN DO THINGS BECAUSE THERE NOT LISTED IN THE RULES. BE SAFE AND PICK UP THE PHONE, YOU WILL BE SORRY IF YOU OVER BUILD FOR YOUR SPECIFIC HEAT.

TRACK OFFICIALS ARE DOING THEIR BEST TO BE FAIR TO ALL COMPETITORS AND THEIR DECISIONS ARE FINAL. **WE DON'T HAVE INSTANT REPLAY CAPABILITIES.**

