

# COMPACT DIVISION

## TYPE OF CAR

1. Any stock compact automobile or compact station wagon is allowed. No, 4 X 4's, pickups or convertibles will be allowed. Exception: Any four-wheel drive automobile may be used, but must have one of its drive shafts removed.
2. The maximum wheelbase allowed will be 104 inches. This is measured from center of the front hub to the center of the rear hub.
3. Four and six cylinder engines only. No V8 engines allowed.
4. The definition of stock as we consider it is as follows: Modification of a vehicles body, frame or bumpers, by adding steel, pipe or other foreign materials to the car to assure greater strength is not permitted, except, that which is listed and permitted within these rules. If it doesn't say you can do it, don't do it. CALL AND INQUIRE.

## MANDATORY PREPARATION OF CAR

**(REMOVE THE FOLLOWING ITEMS BEFORE ARRIVING AT THE BACK GATE!)**

5. All glass must be removed from the car. That means **ALL GLASS!** This includes Fiberglass.
  - (A) Windshields
  - (B) Rear-window
  - (C) Side-windows
  - (D) Mirrors
  - (E) Headlights
  - (F) Tail- lights, bulbs and lenses
  - (G) Turning lights, bulbs and lenses
  - (H) Back-up lights, bulbs and lenses
  - (I) Items E through H includes all brackets and mounting assemblies that hold these lights in place
6. All chrome molding strips and molding clips must be removed for the car. This includes, the:
  - (a) Hood
  - (b) Fenders
  - (c) Sides of vehicle
  - (d) Trunk lid
7. The following items must be removed from the passenger compartment and trunk area:
  - (a) The rear seat
  - (b) The headliner
  - (c) All inside door panels
  - (d) All carpeting and padding
8. All taillight and gauge wires must be cut or removed.

9. The original gas tank must be removed and a **six (6) gallon maximum capacity tank** must be securely fastened in front of the rear axle, inside the car. It must not leak and must be properly ventilated. **NO EXCEPTIONS!** (Metal boat tanks are highly recommended. If a plastic tank is to be used, it must be set inside a metal box with a lid on the box. The minimum size of material to be used on this box is 1/8 in. steel and this box must be securely fastened to the floor). The only types of fuel allowed are: regular, unleaded, diesel and aviation fuel. **NO EXOTIC FUELS!**

**An individual may have to build a fuel cell with a high-pressure fuel pump inside to allow some of these compact cars to run properly. These tanks must not exceed six (6) gallon maximum capacity and they must not leak and be able to be securely mountable.**

10. Batteries must be moved to the passenger side-front floor and contained in a box or container securely fastened to the floor and covered.
  - (A) Any and all batteries are allowed.
  - (B) A white rag is required to be tied to the ground cable on the battery.
  - (C) The box or container housing the battery or batteries must be the approximate size of the battery or batteries being used. These boxes or containers may not be placed or located as to strategically reinforce the passenger-side door.
11. All trailer hitches must be removed.
12. Auxiliary water systems are not allowed. The original or a compact automobile radiator must be left in its original location. You may remove the fan if desired.
13. Chain links may not be welded together.
14. Body bolts may be changed and body mount bushings may be removed.

## **ADDITIONAL RULES AND PREPARATION**

### **FRAMES**

15. **Absolutely NO Frame Welding will be allowed.**
  - (A) Re-welding factory welds on a cars frame **WILL NOT BE ALLOWED.**
  - (B) Exceptions:
    - (1) The cars bumper brackets may be welded to the frame, as long as no foreign material other than welding rod or welding wire is to be used.
    - (2) Home made motor mounts and transmission mounts will be allowed to be welded to the frame. These new mounts may not be strategically placed as to strengthen the frame.
    - (3) Welding to a frame rail for purpose of repairing a cracked or broken frame rail **will not be allowed.**

## TRUNKS & HATCHBACKS DOORS & TAILGATES

16. All trunk lids, hatchbacks doors and tailgates must be bolted, chained, or wired shut. **ONLY ONE APPLICATION ALLOWED. ALL APPLICATIONS MUST BE SHEET METAL TO SHEET METAL.**

(A) If bolted: It may not be bolted in more than four (4) locations and the maximum size of material to be used, will not exceed:

(1) A piece of angle iron welded to the fender and another piece of angle iron welded to the trunk lid, hatchback doors, or tailgate, with the two pieces of angle iron splitting the seam may not have more than two bolts through each set of angle irons. These pieces of angle iron will not exceed 1" x 1" x 1/8" - 6" long in four (4) locations with no more than two on each side of the trunk lid, hatchback doors, and tailgates.

(2). The trunk lid may have two (2) ready rods from the frame to the top of the trunk lid, only one per frame rail will be allowed.

(a) These ready rods must extend perpendicular from the frame rails through the trunk lid.

(b) Maximum size of ready rod to be used will not exceed: 3/4" in diameter.

(c) Washer plate size must not exceed 3" x 3" x 1/4".

(3). If screws or small bolts, (not exceeding 3/8" in diameter) are used around the outside edges of the trunk lid, hatchback doors, or tailgates, sheet metal to sheet metal (more than four may be used). The space between these screws or bolts must be a minimum of 2 inches apart.

(B) If chained: The trunk lid, hatchback doors, and tailgates, may be chained in up to eight (8) total locations. Two (2) per side of the trunk lid, hatchback doors, or tailgates, edge will be allowed.

(1) No more than two (2) single strand wraps per chained location, will be allowed. These chained locations must be sheet metal to sheet metal on only.

(C) If Wired: The trunk lid, hatchback doors, or tailgates, may be wired in up to eight (8) total locations. Two (2) per side of the trunk lid, hatchback doors, or tailgates, edge will be allowed.

(1) No more than three (3) single strand wraps per wired location, will be allowed. These wired locations must be sheet metal to sheet metal only.

## HOODS

17. All hoods must be bolted, chained, or wired shut. **ONLY ONE APPLICATION ALLOWED.**

(A) If bolted: It may not be bolted in more than four (4) locations and the maximum size of material to be used, will not exceed:

(1) A piece of angle iron welded to the fender and another piece of angle iron welded to the hood, with the two pieces of angle iron splitting the seam may not have more than two bolts through each set of angle irons. These pieces of angle iron will not exceed 1" x 1" x 1/8" - 6" long in four (4) locations with no more than two on each side of the hood.

(2) 1" in diameter (example) 1" ready rod. (All thread material)

(a) Exceptions:

- (1) These four bolts may be welded to the frame and these may not be strategically placed as to strength the frame, only one bolt per corner of the hood will be allowed. They must be perpendicular to the frame.
- (2) Washer plate size must not exceed 4"x 4" x 1/4".

(B) If chained: The hood may be chained in up to eight (8) total locations. Two (2) per side of the edge of the hood will be allowed.

(1) No chains will be allowed from the hood to the bumper. Chains must be sheet metal to sheet metal.

(C) If Wired: The hood may be wired in up to eight (8) locations with no more than three (3) single strand wraps per wired location, will be allowed. These wired locations must be sheet metal to sheet metal only.

18. Washers may be welded to a cars hood, hatchback doors, or tailgate, and fenders for the purpose of running wire or chains through them to prevent the sheet metal from ripping. Maximum size of the washer material is not to exceed 4" x 4" x 1/4".

19. All hoods must be left in their original stock location.

20. All hoods:

(A) Will have to be raised prior to and during the car inspection process at the back gate, prior to being allowed through the back gate, into the pit area.

(B) Will have to have (2) fire extinguisher holes in the hood, one on each side of the carburetor or throttle body, a minimum size of 6" in diameter.

(C) **NO EXCEPTIONS.** This rule **WILL BE ENFORCED!**

## DOORS

21. All doors must be welded, strapped, chained, or wired shut. Any method or combination may be used.

(A) If welded: The entire door may be welded and filler rod may be used in the gaps to achieve a bead. The filler rod must set flush with the doors within the gap or as close as possible before welding. You may not, set an over sized piece of filler rod on the gap and weld it. Then expect it to be considered filler rod!!

or

You may use a small, narrow metal strap to cover the gap (just wide enough to cover the gap) and weld on both sides of the strap. This strap must not exceed 1/8" thickness.

22. The driver's door may be reinforced on the inside and outside of the car. The inside of the door may be padded if DESIRED.

23. **ALL CARS** may have a pipe located in front of the driver, it may extend from drivers side door to passenger side door across the firewall.
24. **ALL CARS** may have a pipe on the inside from center doorpost to center door post or from passenger side center post to driver side frame, behind the drivers seat.
25. **ALL CARS** may have one (1) pipe across the front passenger door. A driver's safety cage may be built by utilizing rules 22 thru 24 if desired.

## **RIMS & TIRES**

26. Maximum size of rims or wheels allowed will not exceed 15 inch.
  - (A) No split rims allowed.
  - (B) All wheel weighs must be removed from the rims.
  - (C) Tires may be screwed to the rims.
  - (D) No reinforcement of the rim or wheel will be allowed.
  - (E) Exceptions:
    - (1) Valve stem protectors will be allowed.
27. There are no restrictions on tires or tire size except that which is listed below at this time.
  - (A) Foam filled, water filled or doubled tires **will not be allowed**.
  - (B) No studded tires allowed.
  - (C) The practice of applying grease to the sidewalls of tires will not be allowed.

## **SUSPENSIONS**

28. **NO MODIFICATION** to the front and rear suspensions, suspensions must remain stock.
  - (A) All shackles, lift kits, and blocks must be removed.
  - (B) No welded or modified shocks and struts.
  - (C) All air shock lines must be cut.
  - (D) No more than a total (8) leaf spring clips will be allowed on a car.
    - (1) A maximum of (2) in front and (2) behind the rear differential on each side.
    - (2) These clips must be similar in size to stock clips if not the original stock clips.
    - (3) Leaf springs may not be welded together.
  - (E) The rear differential must sit on top of the leaf springs.
  - (F) Exceptions:
    - (1) Chain will be allowed to make repairs if and only if a ball joint has been broken.
    - (2) You will be allowed to chain the differential to the body or frame.

## **BUMPERS**

29. All cars must have front and back bumpers.
30. Any car having it's stock bumper replaced, will be replaced with a **compact or sub-compact automobile bumper only**.

- (A) All non-stock or replacement bumpers must not exceed the width of the car.
  - (1) Any bumper exceeding the width of the car must be cut to the width of that car, on the ends and not cut in the middle, with the two pieces overlapped and welded together.

- (B) Bumpers must not be altered.
  - (1) Bumpers may not be cut and pieced together.

31. Bumpers may be welded to the bumper brackets and braces. The bumper brackets and braces, then, may also be welded to the cars frame. **(OR)** Chain may be welded from the bumper to the frame in (2) two locations only, one the each frame horn to prevent bumper from falling off. ONLY ONE APPLICATION MAY BE USED.

- (A) All bumpers must have Brackets and braces.
  - (1) Bumpers may not be welded directly to the cars frame.

- (B) Replacement bumper brackets and braces.
  - (1) Homemade bumper brackets or braces may be used to attach the bumper to the cars frame. The material to be used may not exceed, 12" long and 7/16" thick. This bracket must not be wider than the cars side frame rail. Five (5") of this bracket must be welded or bolted to the cars side frame rail and must be attached to the bumper with two (2) pieces of angle iron not exceeding 2" x 2" x 3/8" thick, no longer than the height of the bumper. One piece of angle iron will be allowed on each side of the bumper bracket or brace. These angle iron pieces may be welded or bolted to the bumper and, or welded to the bumper bracket or brace. If this application is to be used as a replacement for brackets or braces, no other brackets or braces will be allowed.

### **OTHER ALLOWED PREPARATION**

- 32. Alteration of a steering column is allowed to prevent loss of steering.
- 33. Non-stock items: electric fuel pumps, electric fans, headers and transmission coolers are allowed.
- 34. Fender wells may be cut out for clearance if desired. The rear quarters may be bolted or welded.

### **PREPARATION THAT IS RECOMMENDED BUT NOT MANDATORY**

- 35. Removal of entire front dash.
- 36. Removal of all non-essential electrical wiring.
- 37. Factory items: heating and air conditioning systems that are not needed may be removed.
- 38. All engines should be clean and grease free.

## CAR IDENTIFICATION

39. The number assigned to the full size car this compact car is associated with will be the number assigned to this compact car. Numbers must be placed on both front doors, DRIVERS and PASSENGERS. The numbers must be a minimum height of 14" tall and a contrasting color to the color of the car, (i.e. light colored numbers on a dark colored cars and dark numbers on a light-colored car).
40. Cars must have a roof top number sign with the drivers registered number on both sides of the sign and installed securely. **This will be enforced.**
- (A) Signs must be a minimum size of 14" X 14" and securely attached.
- (B) Numbers must be a minimum of 12" high and 2" thick. The numbers must be side by side, not vertical or at an angle.
- (C) **Black numbers on white background or white numbers on black background.**
- (D) The size of the sign can be the minimum for just placing the car number on it or larger if you wish, for advertising purposes.
- (E) Sign must be visible to read when standing on either side of the car.

## BODY REPAIR

41. Doors:
- (A) Doors may be patched when they have been cut or ripped: no material stronger than what you are repairing or replacing is to be used. **NO VIRGIN STEEL!**
- (1) The practice of reskinning, the entire door of a car, except the drivers door (welding another layer of sheet metal over an existing layer) when there is a hole or a cut in a door, **WILL NOT BE ALLOWED.** PATCH THE HOLE OR CUT WITH NO MORE MATERIAL THAN IS ABSOLUTELY NECESSARY!
42. Quarter panels, fenders, hoods, trunk lids, hatchbacks doors and tailgates:
- (A) The practice of patching fenders; hoods, trunk lids, hatchback doors and tailgates with patches will not be allowed.
- (1) Cuts and rips to quarter panels, fenders, hoods, trunk lids, hatchbacks doors and tailgates may be repaired by welding them back together without adding any foreign material other than welding wire or welding rod.
43. If a car is found to have more than one skin, the **car will be disqualified!** If it is disqualified at the back gate during pre-derby inspections there will be **NO REFUND OF THE ENTRY FEE.** If a car is disqualified during, or after the derby and that car has won some money, that particular car **will have forfeited all winnings.**
44. Any car, having passed the pre-derby inspections, allowed entering the pit area and then finding later to have been illegally altered will **be disqualified!** Any money that might have already been won, by that particular car, will **be forfeited!**
- (A) Any money forfeited, will be redistributed. All purse money advertised will be awarded.