

CUBA FIRE DEPARTMENTS
MOD CLASS RULES 2009
MAY 30TH, 2009 2PM

Car Prep:

1. All cars are to remain Stock, unless otherwise stated in the rules!
2. All glass, plastic, chrome moldings, fiberglass, and interior must be removed before arriving at the derby
3. Tires no bigger than 16 inch. No split rims or studded tires. Valve stem protectors may be used. You may tube, glue, screw, or double your tires. We do not want flats.
4. Use motor of choice. Welded down or chained motor mounts are recommended. Motor must be in stock location. Do not strengthen the frame with motor mounts.
5. Cooling system must remain in its stock location.
6. All cars must have working brakes!
7. No trailer hitches.
8. Metal gas tanks only. Must be secured behind the driver's seat and unmovable. All hoses must be leak proof.
9. Transmission coolers are permitted. Hydraulic lines only may connect coolers to transmission.
10. Batteries must be moved to passenger floor and secured. Max of 2 batteries.

Car building:

Frame welding:

11. Frame seam welding is permitted. Max of 1-(one), ½ inch weld bead per seam. If frame section needs replaced you may do so after clearing the issue with officials.
12. NO PLAINTING FRAMES! NO FOREIGN MATERIAL INSIDE OF FRAMES!
13. Chryslers with y frames may plate the y with only a ¼ inch thick plate no wider the top of frame, and not to extend past the y. Newer Fords may Tilt Front frame section, No extra metal may be added

Body welding:

14. All horizontal and vertical seams may be welded. U may weld inside and outside door seams. We do not want doors coming open!
15. Outside door straps may not exceed 3 inches wide and ¼ inch thick.
16. Filler for inside the car may not exceed ½ thick or diameter bar stock.
17. Trunks lids may be welded solids with 3 inch wide by ¼ inch strapping. Trunk lids must have 10x10-inch inception hole cut.
18. U may plate the driver's door not to extend more than 8 inches past the door seams.
19. You may patch rusted sheet metal of same body thickness. You must prove your rust. No more than a4 inch overlap past rusted area.
20. Hoods may be bolted down in 6 spots. Using no bigger than 1" all thread. Hood plates are to

be no bigger than 6x6 inches. Hood must also have 12 x 12 inch hole cut out for safety purposes.

Roll Cages:

21. You may run a dash bar. Bar must be above the steering Column
 22. You may run a bar behind the seat from door to door. No further back than 12 inches past driver's seat.
 23. You may connect the dash bar to the bar behind the seat in 2 places
 24. A total of 8 bars, 4 bars directly down from cage and 4 may be angled. Bars may extend through the floor and onto to the frame. No bars are to extend past the a-arm and can be no further back than the top of the rear humps (KICKERS)
 25. Halo Bars are permitted.
- Plates for boor bars may be 12x12 to secure the bars to the door.

Bumpers:

26. Bumpers are interchangeable. Any year OEM to OEM may be used NO TRUCK BUMPERS!
27. You may weld all components of mounting assemblies for bumpers
28. You may weld bumper directly to the frame or shocks.
29. You may weld all bumper seams.
30. No form of homemade mounting brackets may extend more than 12 inches inward from start of frame rails.
31. Rear bumpers may add 2 pieces of flat stock 3 inches wide by $\frac{1}{4}$ thick from bumper to sheet metal. Flat stock may be no longer than 24 inches.

Body Mounts:

32. Body may be bolted solid to frame.
33. Body bolts may be no larger than $\frac{3}{4}$ inch in diameter and only travel through top of the frame into sheet metal.
34. A nut and a washer or plate may be used on topside of mount. Plate no bigger than 4x4 inches
35. No extra body bolts!

Suspension:

36. Homemade shocks chain, allthread, or wire may be use but you may only use one method.
37. Coil sprung cars that elect to convert to leaf springs and shackles must remove entire coil suspension. You may not have both.
No extreme leaf mounting methods. Keep them simple.
38. Leaf springs may be $\frac{3}{8}$ thick by 3in wide. Max of 9 (nine) springs per pack. Only one main per pack, all other springs may be no longer than the main leaf spring.
39. 4 clamps per spring pack aloud. No larger than 2 inches wide and $\frac{3}{8}$ thick.
40. Cars that stay with coils may weld coils to the rear end.
41. You may use rear end of your choice. No duel wheel rears.

42. A-Arms may be welded to frame using 1/4 thick flat stock.

Extra Wire uses:

43. You may wire bumper to core support in 2 places using a maximum of 3 strands of wire per place.

44. You may run wire from roof to the floor of your choice in 2 places 3 strands per place.

Extra bolt use:

45. You may roll your fenders and bolt them with 3/8 bolts and 1-inch washers. 8 bolts per fender

46. Hood and trunk cut outs may be bolted back together using 10 bolts per hood and trunk 3/8 and 1 inch washer.

47. 1 inch allthread may pass through front body mount, core support, and up through hood for a hood bolt.

48. Cars and station wagons may be smashed down in the rear. Inspectors may ask to have holes cut to see inside

If your idea is not in the rules, it's illegal and you will be disqualified.