



GLENCOE FAIR DEMO DERBY 2022
Mini Smash

1. Any hardtop car with a 4 or 6 cylinder. No V8's
2. All V6 and RWD cars no more than **106" MAX** wheelbase. (FWD 4cyl no wheelbase limit)
3. **FLAMMABLE MATERIALS:** Seats & trim -All must be removed from the vehicle except driver's seat and passenger seat.
4. **GLASS/ AIRBAGS:** All windows, mirrors, airbags & trim must be removed prior to inspection.
5. **TRAILER HITCHES;** Must be removed and all sharp edges must be hammered down prior to inspection.
6. **DOORS & NUMBERS:** DRIVERS DOOR ONLY MUST BE PAINTED WHITE with number on it. If the vehicle is white the driver's door must be out lined in Black or Bright color to make it stand out.
7. **FIRE EXTINGUISHER:** Must be within reach of the driver and must be in working order.
8. **BATTERY:** One battery only. Must be moved to passenger side floor and securely fastened in a box/ container clear of all fuel sources. Following inspection, it must be covered with a nonflammable shield.
9. **GAS TANKS:** Stock tanks must be removed. **NO ORIGINAL MANUFACTURERS TANKS ARE PERMITTED.** Must use a CSA approved tank or fuel cell (custom or equivalent alternative is permitted) which must be securely mounted in the rear passenger's compartment centered in the vehicle. All tanks require a non-flammable cover to be secured after inspection. **(AIR BAG MATERIAL RECOMMENDED).** Metal tanks are strongly recommended, but CSA rated plastic boat tanks are acceptable.
10. **GAS TANK PROTECTORS:** Gas tank protectors are allowed but must be reasonably centered and secured to the post to post seat bar only!!! Cannot be bolted to floor or attached to the rear sill. Must be a minimum of 2" from the rear sill or sheet metal and cannot be wider than 26".
11. **FUEL LINES:** All fuel lines must have a leak proof fitting with steel or rubber lines. (no clear lines) No exceptions. Lines must run inside car.
12. **ELECTRIC FUEL PUMP:** Must Have a safety shut off switch (punch button), marked in red located on roof or center of windshield for officials use. Pumps must be securely mounted.
13. **FUEL SYSTEM:** Electric fuel pump must be isolated with a non-flammable material covering lines, tanks and pump. Non-flammable covering may be fire resistant blanket or airbag material.
14. **HOOD:** Hoods are not mandatory. (But without a hood you must use electric fan only. Fans directly connected to the motor must be removed). With a hood -a 12" opening must be cut in the hood directly over the carburetor. (not over fan). Hoods must remain open for official's inspection. Hood must be fastened downing a maximum of 6 places with seat belt strapping, wire, ¼ inch chain or flanges with no bigger than 1/2" bolts and a maximum of 8 bolts. No welding hoods closed. You may add 2-3/4" max threaded rod through your rad support with a max 3" washer. Threaded rod must not be attached to or go through frame. Rad support can be wired to bumper in 4 places.

Hood must remain in stock position. Hood latch is to be removed prior to inspection.
15. **TRUNKS/TAILGATES:** Trunks/tailgates to be fastened down in same way as hood in up to 6 places. Trunk lid or tailgate must remain in stock position. 12" square or round hole must be cut in top of trunk for inspection.

Trunk lid may be wired, strapped or chained in 4 places to rear bumper. The 4 wires to the bumper will count as 4 of your 6 spots. You may weld 6 3x3 inch by 1/8 thick steel patches to secure trunk lid or tailgate.

16. **BODY PANELS:** Pre bending of trunk is permitted. Rear speaker deck may not be removed or altered in any way. NO WEDGING, NO CREAMING OR BOLTING OF QUARTERS OR FENDERS, NO REAR WINDOW BARS.

17. **DOOR FASTENING:** All doors must be fastened shut with wire, straps, 1/4" chain in 4 spots. You may weld 12 3x3 inch by 1/8 thick steel patches per side to fasten doors.

18. **WINDSHIELD SPACE:** Must have a single steel bar or chain from the cowl to the roof, bar may be an A or H frame but must be centered and maximum 36" wide and minimum of 8" above cowl, bolted not welded.

19. **INTERIOR MODIFICATIONS:** No welding of any inside body support seems, or firewall seems. All holes in firewall must be covered with a non-flammable material. Large holes in car floors must be repaired with the same gauge metal and securely fastened. No reinforcement. You may add one bar maximum 4" outside diameter and 1/4" wall with a max 5" plate on either end behind the driver's seat from door post to door post straight across. This must be bolted or welded in.

20. **ROLLBAR/DASH BAR:** We recommend you install a seat bar. Bar may be up to 4" in diameter and 1/4" wall with a max 5" plate on either end. Dash bars are allowed if dash has been removed maximum 4" outside diameter and 1/4" wall with a max 5" plate on either end. This must be bolted or welded in. Halo bars are permitted but must be welded or bolted to door posts with a max 5" plate on either side or two 3/4" max threaded rod or bolts through floor one per side with a max 3" plate on bottom of car on each side. Halo bars must be bolted to roof in 2 spots. If you don't have a seat bar, please use a strap of some sorts behind your seat to stop it from snapping backwards. **THIS IS FOR DRIVERS SAFETY!!** Dash bar MAY be connected to the seat bar by using 1 bar along the inside of the doors on the drivers and passenger side of the car. Max 4x4 tubing creating a cage around the driver. If running a dash bar the side bars can not be attached to the floor or frame in any way. If you are not running a dash bar they can be mounted from seat bar along both sides and attaching to the floor. Dash bar cannot be attached to the window bar in any way. The cage can only be attached to the floor/frame in 2 spots(one on each side of the car to mount seat bar only. NO OTHER DOWN BARS FROM CAGE TO FLOOR/FRAME. One extra bar may be added in centre of car attaching only to the dash bar and seat bar to mount your shifter.

21. **BRACING:** Outside of car may have 12"x50"x1/4" max steel plate applied to the outside of drivers and passenger doors ONLY bolted in 6 locations (max 1/2" through bolts). Flat bar only, no angle iron or C-channel.

22. **BUMPER:** Only OEM stock bumpers can be used (may be changed to any car bumper-NO Oversized bumpers). No loading of bumpers, holes may be required for inspection. Bumpers cannot be seam welded and ends of bumper cannot exceed past width of front wheels. Both front and rear bumpers may be welded in factory car locations. NO shortening frames. Square tubing or plates may be used to weld bumper to car but may not exceed 6 inches behind bumper. Bumpers may be wired to hood/ rad cradle or trunk in 4 spots. No seam welding of bumpers

23. **RADIATORS:** Must be flushed of anti-freeze and replaced with water only. Overflows must point straight down and be secured. Rad must be in original position or removed. No tilted or floating Rads.

24. **SUSPENSION:** Suspension must remain stock (movement must occur). Broken or sagging parts may be replaced with stock parts. It's required that the rear coil spring be wired to the differential or axle to prevent them from flying out. No spring blocks or added helpers. All suspension must be stock to make and model. No welding of shocks. No altering shocks or springs to change ride height of vehicle. no welding to any steering or suspension components STRUT PROTECTORS are permitted. May only be welded to body behind the strut max

4inches high by 4inches wide. On fresh cars they may not contact the strut. Must have ¼ inch gap in between strut and protector itself.

25. **TRANSMISSION COOLERS:** Transmission dipstick must be securely fastened, wired or duct taped down or have an overflow tube that points at the ground and must be secured in engine compartment.

26. **DRIVETRAIN PROTECTORS: ARE NOT PERMITTED AT ALL!!!!**

27. **FRAMES:** No pinning, “stuffed” frames or custom frames. Seam welding is NOT allowed. No welding of frames. NO shortening of frames in any way.. Bent or damaged frames on used cars may be repaired with maximum 6 repair plates no bigger then 4”x4” -1/4inch thick flat plate.

28. **MOTOR MOUNTS:** Stock motor mounts may be chained. Tubed or solid motor mounts are permitted; however, they cannot be un any way reinforcing any other component on the car. Any excessive reinforcement will result in disqualification.

29. **BODYMOUNTS:** All rubber body mounts, and stock size bolts must stay in place. Increasing bolt size is not allowed. If rotten they may be replaced with stock sized bolts and mounts. Rubber body mounts must still be there.

30. **TIRES & RIMS:** Any tires are welcome except studded tires. No screwing tires to rim or studding. Tires may be doubled but not loaded. All wheel weights must be removed. **No reinforced rims or bead lock rims permitted!!!** Rims may have wheel centers welded in to accommodate bolt pattern only!!! Not to strengthen the rim. No weld in backing plates. **(NEW 2019) MAY USE SOLID RIMS AND PRESS ON TIRES ON NON-DRIVE TIRES ONLY.** So, on the rear of FWD ONLY

31. **PRE-BENDING:** Pre-bending is permitted as listed in rule #16. NO bolting or creasing of body panels is allowed. But notching frame is permitted.