

## 2018 Mini Car Preparation and Build

The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These rules shall govern the condition of all events, and by participating in these events, all participants are deemed to have complied with these rules. **NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATIONS OF OR COMPLIANCE WITH THESE RULES AND OR REGULATIONS.** They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator, or official.

The race director shall be empowered to permit reasonable and appropriate deviation from any of the specifications herein or impose any further restrictions that in his/her opinion does not alter the minimum acceptable requirements. **NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM SUCH ALTERATION OF SPECIFICATIONS.** Any interpretation or deviation of these rules is left to the discretion of the officials. Their decision is final.

### 2018 Mini Car Preparation and Build

1. Wheelbase must not exceed 102" for RWD cars and 108" for FWD uni-body cars only. NO EXCEPTIONS.
2. No shortening "snubbing" of frames- front or back. No moving of axles to shorten wheel base.
3. Must be powered by four or six cylinder engines. NO V8s.
4. NO LEAFING MINI CARS- ex. (No adding of extra leafs to existing leafs. No coil to leaf spring conversions). No four-wheel drive vehicles.
5. NO HUMP PLATES
6. Stock gas tank MUST be removed. Gas tanks must be relocated behind driver's seat, securely fastened and covered. Any visible leaking fuel will result in automatic disqualification. All plastic tanks must be in a steel enclosure. However, it cannot be bolted to strengthen the car.
7. All glass, chrome molding, hood latches, gas tanks, and rear seats must be removed before cars arrive at the fairgrounds.
8. Stock type hood must be used. Hoods must be open for inspection-and cannot be bent down in front of radiator. Hoods can be secured in 6 places with 2" by 2" x ¼ angle (NO longer than 6" with 3/8th bolts) or #9 wire in 6 places. You may use 1" all thread only in core support with 3" max spacer, but this will count as 2 of your 6 places! The factory rubber bushing between the sub-frame and frame must remain using the 1" all thread.
9. THE DRIVERS SIDE SEAT BELT MUST BE IN WORKING ORDER.
10. Radiators must stay in original location and can be wired on all four corners. You may run electric fan. Factory condensers only and they may be wired in, not welded.
11. Batteries must be moved to the passenger's side floor board. The battery box cannot strengthen the car in any way. NO more than 2 batteries

12. No welding on frames or seams. This will be checked. No plated frames.
13. Cutting the ends off bumpers and fenders for clearance is permitted.
14. All cars must sit level within 5" with no car sitting lower than 16" from the bottom of the bumpers or higher than 21" from the bottom of the bumpers.
15. Sunroofs must be covered, no exceptions.
16. CAGE or DRIVERS DOOR BAR IS MANDATORY!!! A welded 4-point cage can be put around driver's compartment. It has to be no bigger than 4" x 6" inches and can be welded to car but not excessively. The front bar has to be 5" from the firewall and tunnel. Back cage bar no further back than 12"s past driver/passenger door posts. NO KICKERS AT ALL OF ANY KIND (OUTER, INNER, DOWN, OR UP)! Roll over bars are mandatory! Roll over bar must be straight up and down. Gas tank can sit on or in a steel protector coming off the back cage bar but not touch any sheet metal. Must be "floating". Gas tank protectors size cannot exceed more than 2" in length or width of standard fuel cell/gas tank. Standard Size fuel cell measurements are: 12" long x 10" wide so add 2"s to each and that will be recommended size. NO EXCESSIVE PROTECTOR!!
17. Motor swaps and rear end swaps are allowed. Slip shafts are allowed.
18. No protectors at all.
19. You can use aftermarket steering column, after market tie rods. Front sway bar cannot be welded.
20. Transmission coolers or oil coolers are allowed. No transmission protectors at all.
21. Any year factory bumpers which can be welded are allowed. Loaded factory bumpers or homemade (McColum/DEC type) bumpers are allowed, but no extreme pointed bumpers, you will either cut the extreme point off or grind it down. Homemade bumper ends must be capped. If your using homemade bumper, no sharp points on end of bumpers. No I beam bumpers. C channel bumpers must have the c part facing inwards towards car.
22. Homemade bumper shocks are allowed and cannot exceed 12" in length and must be inside frame. Homemade bumper shocks must be tubing (square, round or rectangular). 1 piece of tubing, no doubling/stacking of tubing. 3" tubing max. Bumper shocks will be measured from back of bumper where the shocks are mounted/bolted/welded! No added bolts through bumper shock and frame! If the bumper shocks came factory mounted on the outside of frame, you can leave the factory shock bolted and it cannot be welded to side of the frame. If you chose to run the factory mounted shock on outside of frame; bumper can only be welded to the mounting plate of stock shock and the mounting plate welded to the front of frame. You cannot substitute factory mounted outside stock shock for tubing!
23. Doors and trunk seams can be welded solid using no bigger than 3" strapping by 1/8th inch thick material. No re-enforcing body panels. Trunk must have open 12" hole to see inside. Body creasing and pre-bending is allowed. No wedge cars, quarter panels must remain up. 1 window bar is allowed from top of roof, not to exceed 6" from back glass and down to trunk but not to exceed 6" from back of speaker deck. Back window bar cannot touch rollover bar. This is for safety only!
24. NO WELDING except bumpers, door/trunk seam and motor mounts or for preran patch plates.  
PRERAN cars are allowed patch plates; on uni- body (frame) of car only. Must be visibly bent or broke. Allowing only 4 plates total: 3"x5" plates 1/8" thick. Plates cannot touch one another and must have 1/2" gap between welds. If you abuse this rule everyone will lose this rule!!

In clarification of the Crush Boxes: you can only cut the crush box off the front of the car (the first 2-3") and weld the bumper on. Nothing can be cut or welded behind core support. This is to only aid in helping mount

bumper to car! You can add a small 2-3" wide strap 5" long (max 1/8") from top of bumper to top of frame, strap cannot go behind core support!!