

Appalachian Outlaws Derby Series

Mini Bus Derby 2024

Types of Vehicle

1. Any Type A Short Bus with full metal body except roof
2. Bus can not be no longer than 22' Feet overall length from bumper to bumper

Car Preparation

1. All Glass & Interior & Exterior.. Headlights, tail lights, bus warning lights all carpet, head liners, door panels soft chrome, door handles, plastic of any kind, all air bags, fiberglass, metal header panels, rear seats frame can stay. All cushions must be removed. and all glass include windshield must be removed, Bus must be swept clean before entering the grounds. No breaking glass in doors.

Exterior : All door handles, chrome strips, mirrors, bumper covers any plastic and windshield, and all other glass must be removed. Fuel door must be welded shut.

2. Battery. Any size battery may be used other than a D8, 2 maximum. Battery must be relocated to center of floor within 2' feet behind the driver and properly secured in a battery box or 3x3 angled frame, bolted through floor, no self-tapping screws, & covered with a rubber mat. Battery cable must run over dash, run in conduit with hood notch for them.

3. Fuel. Metal boat tank or metal, aluminum, or stainless fuel cell may be used. Fuel tank must have a shut off valve & be relocated to center of the floor within 2' feet behind the driver and properly secured, Max of 10 gallons of fuel. **NO FACTORY OR PLASTIC FUEL TANKS**, The tanks must have a fuel line type fitting and High pressure fuel line must be factory stamp and double clamped & secured in bus, not free floating. Must be ran in passenger compartment or over the dash, run in conduit with hood notch out No air line hose is permitted & **must have a fuel pump switch if using electric pump**. Inline fuel pump must be mounted within 6 inch of the fuel cell. **All factory fuel tanks must be removed from under bus.**

4. Tank Protectors are allowed. Maximum of 32" inch square Protector maybe attached to rear seat bar and bolted to the floor in two (2) spot opposite of the seat bar.

5. Cooling. All cooling systems must be original equipment or less & must be located in the engine compartment under the hood. No antifreeze allowed. Radiators can be replaced with metal or aluminum of same size. No cooling systems fluids (motor oil, or water) are permitted in the driver's compartment. Electric fans are permitted but steel fan blades are not permitted. Transmission cooler allowed inside but must be securely mounted.. Nothing homemade. Line must be steel braided or hydraulic & double clamped

6. Tires & Wheels . Any tire can be used. No Duel wheels allowed. 16" max. tire and wheel size. Valve stem protectors, weld in centers and weld on bead protector not overlapping onto tire are allowed. No split rims or studded tire allowed

7. Interior. **MANDATORY**, dash bar or pipe if dash is removed you must have a dash bar or (4-point cage), must be welded into place no bigger than 4 inches in diameter. If dashboard is left in radio, ash tray, glove box any that came loose must be removed. No down legs. You may use steering column, gas / brake pedal, seat, shifter and ignition of your choice.

8. Cage If using a cage must be 4 point 3" diameter pipe or square tubing cage around driver, must be bolted in or welded with 1/4" plate 3" wide, 10" long each top corner where side meets front & rear bars to tie cage together

9. Set Bar. & Door Bar. **Mandatory** set bar or pipe 4x4 max w/plate on end welded into place behind seat from door post to post. May be set back 6" for room for driver. Driver door bar can be tight against driver door from dash bar or cage post to rear set bar. Doors bars cannot exceed past the start of floor kick panel area.

10. ALL HAVE A ROOG SIGN WITH THE NUMBER ON LARGE EOUGH TO SEE FROM A DISTANCE

11. Windows Bars.. Front window bars may be made of 2"x2"square tubing or 3"x 3/8" flat bar max. One (1) are permitted in the front window. Bars may go 3" max onto the roof and no more than 3" onto the fire wall area.

12. Engine.. Must be for said make and model, No engine cradles allowed. Motor mounts must factory, Mounts can be welded solid or chain. Carb conversion kits are allowed. Headers are not permitted.

13. BODY. Doors may be chained, 9 wired or welded. If welded you may weld 4" on 3" off max size of plates 4x4 ¼" thick on **ALL** door **No solid welding.**

Drivers door may be welded solid. You may use 1/4" door plate or protective panel, cannot exceed 3" past on to fender and the rear of the door. 1/4" max, flat steel only. **NO BODY CREASING ALLOWED** Driver door must be painted white or fluorescent green.

14. Suspension.. Front and rear suspension must OEM that came from factory. . Suspension must two (2) travel up and down. You can add 4 clamps per side on leaf spring coil springs buses can weld 1 inch welds 4 max on each spring to hold spring in place. No other suspension modification allowed

15.Bumpers.. Front and rear must be stock bus bumper that came with the bus Bumper may be welded to the stock mounts. Mounts may be welded to the frame. Chain may be loop around the bumper and bolted or welded to the top and bottom of frame

16. Tie rod ends may be reinforced or you may used heims.

17. Brakes .. Bus must have working brakes if not you will not run.

18. Frame: Absolutely NO painting of frame in any fashion.

19. Hood.. Hood must be open for inspection & secured after inspection. Hood must be chained down ,9 wire or bolded at least in two spots. **No all tread from frame** Hood must have a 12x12 hole cut in hood in case of fire. Hood overhang maybe folded down or cut off.