

# Mini Van Rules

## MAIN BUILD RULES

1. **IF YOU DO NOT SEE IT WRITTEN ON HERE, that does NOT make it legal to do!!! The OFFICIALS word is the FINAL word!!**
2. All vans subject to tech at any point before or after **ANY** heat race. Any problems will need written protest by more than 1 driver. Any car found illegally modified will forfeit all winnings.
3. Read ALL prep and general rules 1<sup>st</sup> as some important info to follow. VANS MEANT TO BE 100% STOCK.
4. **ALL vans MUST be STOCK.** They should look just like it came off the road. Paint jobs excluded of course.
5. NO FULL size vans allowed. Can be FWD, RWD, or AWD vans.
6. ALL glass and upholstery MUST be removed from van, except the **FACTORY FRONT WINDSHIELD GLASS can remain in van.** If removed then minimum 2 bars welded in the hole of the windshield evenly spaced to prevent the hood from coming through. Broken glass to be vacuumed out. Front seats, dashboard, and door panels can be left in van.
7. ALL inside and outside body trim to be removed from van that is not required. This includes door handles, chrome parts (Except bumpers), trailer hitches, headlights and taillights. Plastic Bumper covers can remain on for mini vans as they stay in 1 piece even if they come off.
8. Engine and Transmission MUST be clean of grease and oil. Pressure washed BEFORE showing up to the grounds as we don't want this mess cleaned off on the ground at the event.
9. Radiators MUST be in stock location for the van. Radiator hoses MUST remain inside the engine compartments. NO expansion tanks allowed in van. MAX 4' of rad hose to be used.
10. Brakes on van **MUST** be in working order for ALL THE TIME. Will be checked when entering the ring each time.
11. **SRS AIR BAGS TO BE REMOVED FROM VAN COMPLETELY FOR SAFETY REASONS.**
12. Batteries must be mounted on the floor or in front seat area of van on passenger side. It must be securely fastened in a secure metal box with lid. Max 1 battery in Van. Battery must be covered to help prevent acid from leaking out in case of a rollover and splashing around.
13. **ALL HOODS MUST BE OPEN FOR TECH.**
14. IF the mini van has a **center mount fuel tank** in front of rear axles, **can leave factory tank in van.** This allows people to keep vans cheap to build as high pressure pumps in tanks. NO rear tanks behind axles will be allowed and would have to be placed inside the van. If a person wants to re locate the fuel tank (Factory or

boat or custom) inside the van they are allowed to do so but must put a flash shield cover over stock tank and ensure fuel lines secure and safe.

15. MUST run regular pump fuel ONLY. NO AV gas or propane allowed.
16. Electric fuel pumps can be used as long as they have a separate power switch. Pumps must be securely mounted to the vehicle and NOT to be left hanging loose. Fuel pump switch MUST be visible easily and marked. This DOES NOT apply if running the factory pump and tank, only if running aftermarket pump inside van.
17. If using electric switches, they must be uniformed. Up or forward for ON, down or backwards for OFF. This so anyone can make sure switches are off if required.
18. NO pinching or pre-bending the body (pre-crushing the body to the frame). **VAN body to remain stock.**
19. NO modifying, welding, or reinforcing the steering, suspension, body or frame whatsoever. Steering shafts may have universal joints. NO pinning, plating, stuffing, or tipping of the frame allowed. Suspension must flex up and down.
20. **MUST** discharge air conditioning systems prior to coming to derby.
21. WATER for coolant ONLY. MUST flush out antifreeze from van BEFORE getting to the derby. DO NOT flush out onto the ground or you will be disqualified on the spot.
22. Exhaust pipes must extend past the transmission, or may come thru engine hood. Holes thru hood for exhaust will qualify for fire holes as long as they meet the size required.
23. Hoods to have 2 holes cut thru hood, one on each side, for fire access. Follow the supports on the underside and cut out 2 triangles or rectangles, depending on the hood design. DO NOT make the holes bigger than 12" wide, except for when exhaust comes up you will need a little more. We don't want the holes too big in case of a flash fire.
24. Hoods must be bolted or chained and hinges should be left intact. Bolts to be a maximum of 1 inch diameter. NO braces to the bolts from the frame or firewall to the hood bolts. Maximum 4 bolts holding hood down. MAX only 2 bolts can be attached to the frame. MAX 6"x6" washers to be used on hood bolts.
25. Back of the seats MUST have a steel cross member that is WELDED to both doors on each side. A large flat plate welded to the cross bar may be BOLTED in place with a minimum of two ¾" bolts but must also be bolted through the door bar. Recommended that a 1.5" diameter thickness minimum to be used. HEAVY steel to be used. NO exhaust pipe. This is for safety. DASH bars are optional if wanted in van.
26. Shift lever may be hooked directly to the transmission, linkage may be left in the stock position. Hole in floor must be covered and kept to a minimum size as possible.
27. A Flag holder must be attached to the driver side door post to hold the flag vertical and to be visible over the roof. 2" diameter pipe, 8-10" in length is recommended.

28. Van numbers to be mounted upright on roof of car, minimum 12" high numbers on a sign, displayed on each side of sign board. Number shall be displayed on side of van as well minimum 12" height numbers. Entrant numbers will be confirmed with entry so not duplicate numbers. NO other numbers shall be displayed on van.
29. Doors and trunk hatch must be either bolted or chained or welded closed.
30. All HOLES in the firewall larger than ½" MUST be covered with non-burnable material, sheet metal recommended. ALL wiring to batteries and fuel lines must be wrapped in rubber where they pass thru the firewall. Firewall must remain in stock position.
31. Plastic bumpers can remain on van. No need to remove them. Inertia switch should be disabled if applicable.
32. **DRIVER DOOR ONLY.** (NOTHING required on passenger side unless a passenger is going to be in the vehicle). A steel bar used for the door braces/security, it must be channel iron. Minimum 6" wide. **Must NOT stick out from side of body more than 2.5" in depth.** Corners/ends MUST be beveled @ 45degrees in horizontal positions only. Must be bolted with minimum 3 3/4" bolts or 4 5/8" bolts. Place door bar high enough up to protect from bumpers. Bars cannot extend beyond 6" past edge of the front door and 18" behind the front door. Bar behind seat should be in line with the door bars to help secure side to side. Grind and cut your outside bolts short as possible, don't place bolts next to your ribs/hips. 4"x4" washer for door bars, make large enough to not pull thru. **If a passenger is in the vehicle, the same must be done to the passenger side!!**
33. MUST remove ALL wheel weights from ALL wheels, including spares. These come off and are a hazard. We will be looking for these on vans at tech.
34. ALL cars MUST be able to stop under their own power to enter the heat. **Brakes must work.**
35. Vertical headrest/roof support bar installed behind drivers seat as well as the passenger seat if a passenger is in the vehicle. MUST be padded at helmet height, recommend use of flat headrest pad. You may use two pipes, one to slide into the others for universal use. Must be bolted to roof. Must be pinned together to help prevent roof collapse in case of roll over.
36. NO work should be done to vans AFTER they are teched. Any work being done to vans after tech could result in van not running in derby at all. Adding fuel or doing up bars allowed, but NO adding or building to cars once they are done. We will be walking around and watching for this.

## Van General Rules

1. RED flag to be waived in case of FIRE or INJURY ONLY. Flag supplied at gate going into ring. Any major fire will **NOT** be allowed to restart in that heat. 1<sup>st</sup> Flash fire may be ok to restart but up to the fire fighters/officials call. Please return flags to guys at gate on way out of ring.
2. Place white flag into flag holder once van is done or disqualified to signal to the other drivers that you are out. Once flag is up you can NOT take it down in that heat again. Flag supplied at gate into ring. Listen to PA announcer as they will call out your vehicle #'s if you time out.
3. **ALL VANS MUST STOP IMMEDIATELY when air horn sounds.** Spotters will also be waiving red flags at side of arena. Safety crews will NOT enter the ring until vans stop moving. ALL vans must stay stopped until horn sounds again to start back up.
4. ALL MAJOR work to be done to van BEFORE showing up to derby. Van should be ready for tech when arriving that morning. Disqualification will result to anyone breaking this rule. Disqualification will result in forfeiture of entry fee.
5. ALL vans must be inspected by TECH prior to the pit meeting, which will be held ½ hour before start of derby. ANY major safety issues found could result in being disqualified, such as gas tank safety, battery safety, or door security.
6. ALL vans can be subject to inspection at any time during the day for any infraction of the rules that seem just. If your van fails the 1<sup>st</sup> inspection for minor things you will have 30 minutes to resolve issues and get re-inspected or be disqualified. Spinning of tires or racing around the pit area will be immediate disqualification.
7. **NO intentional hitting of van doors in the ring allowed.** You will be disqualified for remainder of the heat.
8. Driver and passenger MUST wear seat belt and approved safety helmet complete with face shield or approved safety goggles at ALL times in the ring, even when timed out.
9. Driver and passenger MUST be fully clothed. Long sleeved shirt and full pants, or coveralls. NO open toed shoes allowed. Gloves optional but recommended.
10. All participants in derby as well as pit crew MUST be 16 years of age or older. Special exception for under 16 MUST have parent consent signature and a way to validate if required and is at the discretion of Hope Motorsports Group.
11. **NO CONSUMPTION OF ALCOHOLIC BEVERAGES OR DRUGS allowed in the pit area or premises. This will result in IMMEDIATE DISQUALIFICATION and REMOVAL from the area for the ENTIRE CREW.** This goes for the entire crew or anyone in your pits. If your pit stall neighbors see anyone consuming the above it should be reported ASAP so it can be dealt with. This is for EVERYONES safety in and out of the ring. If required the police will be called if needed for any unruly people.

12. ALL participants MUST pay admission fee at the gate if NOT in possession of a valid pass. Everyone MUST wear a wristband at all times or you can be removed from the area. NO extra people, including spouses or kids, will be allowed in the pit area unless they are part of the crew and are of the age required.
13. Any crew members or service vehicle entering the demolition grounds do so at their own risk. NO liability is to be incurred by the organizer or participating members.
14. Drivers are responsible to ensure their pit area is cleaned up before they leave the derby grounds. Failure to do so will not allow you back the following year.
15. **ANY and ALL protests must be made in writing** and submitted upon completion of the heat. Will be discussed with committee members and considered as required.
16. Vans out of the derby, but still running condition, can NOT have the engine blown up intentionally by pressing gas pedal to the floor. This is dangerous for all people around. This will result in being not allowed back to future derbies.
17. Pit crews MUST have a minimum 5lb ABC fire extinguisher in the pit area. 1 per van min.
18. ALL drivers are to be at the driver meeting prior to starting. Some rules will be discussed, this also time to ask major questions.
19. Prizes are awarded at the discretion of Hope Motorsports Group. ALL prizes will be handed out at the completion of the derby, if you require sooner you must consult with committee.
20. Drivers MUST keep hands, head, and arms inside the vehicles at all times in the ring during the race.
21. Except in the case of an emergency, all drivers MUST remain in the car at all times with **HELMETS on your head**. In the case of an emergency, wave red flag and horn will sound and the race will be stopped.
22. Any vans that are up on the no post guard rail, do NOT hit them any further. There is a buffer zone behind the no post guard rail to the fence but safety come 1<sup>st</sup>. DO NOT push guys at full power into the no post guard rail to try to hang them up, we do not need any close calls with the fence. Anyone who does damage to the fence could be charged for the repairs.
23. **IF YOU DO NOT SEE IT WRITTEN ON HERE, that does NOT make it legal to do!!! The OFFICIALS word is the FINAL word!!**
24. **RULE #1....HAVE FUN AND PUT ON A SHOW FOR THE FANS. Without them there is NO show**

## **The Following WILL NOT be Tolerated**

1. Drugs or alcohol in the pits, instant disqualification.
2. Spinning tires in pits or racing around. Drive slow and careful as a lot of people around.
3. Starting fluids or nitrous systems.
4. Excessive holes thru firewall.
5. Welding anything to the frame of the van.
6. Filling inside the frame (IE: Concrete, steel)
7. SANDBAGGING does not look good for the fans.
8. Modifying van after tech has completed your car.
9. NO fighting with other drivers/crews, both will be kicked out as required.
10. NO intentional door hits, instant disqualification.

## **The Following MUST be removed**

1. ALL glass except for front windshield.
2. Upholstery, except front seat, dash, and front door panel.
3. Loose and foreign material from cockpit and trunk
4. ALL trim, lights, lenses, plastic, pot metal, fiberglass
5. Chrome, except bumpers
6. Hubcaps, center caps, trim rings, and wheel weights
7. Trailer hitches.
8. Air conditioning system **MUST** be discharged.
9. Antifreeze **MUST** be drained and flushed from radiator before coming to derby.

Thank you to Armstrong Demolition Derby for the use of their rules!