

# Minnesota Throwdown

## *Mighty Mini's Class*

*(examples: small vans, Ford Rangers, Explorers, Bronco's, Dakota's, and Durango's)*

### **GENERAL PREPARATION:**

1. All glass, plastic and pot metal must be removed.
2. Nothing may remain in the bottoms of the trunk or doors.
3. All outer hardware must be removed – door handles, mirrors, chrome, moldings, screws, fiberglass, etc.
4. No added weight to any car.
5. Rear seats in all cars and all decking in station wagons must be removed.
6. Front seat must be securely bolted to the floor; however, these bolts may NOT go thru the frame!
7. You must have a functioning seat belt.
8. All flammable materials must be removed from the inside of the vehicle other than safety padding and the driver's seat.

### **SAFETY RULES:**

1. All bodies must be mounted on stock OEM frames for that year, make and model of that car.
2. Safety hood holes for fire.
3. Radi-barrels are not allowed.
4. Radiator must be in stock position in front of the motor.
5. Marine tank or metal fuel tank will be allowed. No plastic tanks allowed.
6. Original gas tanks must be removed from car. You cannot use original gas tank!
7. You must have the gas tank securely mounted behind the driver's seat and it must be covered. Bolt may not go through the frame.
8. Fuel lines must run inside the car, not under the car along frame.
9. Electric fuel pumps are allowed. They must be covered and have an on/off switch near the steering wheel and clearly marked in large letters.
10. No studded or 100% steel wheels.
11. Wheel weights must be removed.
12. Split rims must be welded at least 4 places around the rim with a 4" long bead in each spot.
13. Brake systems must be operational.
14. They must be inside the car in front of the passenger seat. Securely mounted and covered. They may not be attached to the frame in any way.
15. You must have a minimum of 1 bar or max of 2 bars, 3" max, chain or wire running from roof to cowl in windshield area for Driver's protection. May not attach to the cage in any way. You may have two ¼ inch flat stock window bars maximum.
16. No chain binders will be allowed.
17. All 4-wheel drive vehicles must remove one drive shaft.
18. Floor sheet metal maybe patched where components will be mounted or for Driver's protection, sheet metal only. No other patching is allowed unless it's a safety issue, call first.

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You must leave the rusty floors in place, do not cut them out.

## GENERAL

1. V-8 engines are allowed if they came stock. Motor mounts may be changed to a simple application.
2. After market parts allowed are slider drive shaft, gas and brake pedals ,steering column and shifter.
3. No protectors allowed
4. Any safe bumper allowed no sharp points allowed no wider then the front tires. Frame may not go into the bumper at all. Bumper may be welded to the frame anyway you want six inches back measured from the back side of bumper. DO NOT push this rule or you will be punished!!!! Nothing else may be welded to the bumper. If you choose not to weld your bumper you may chain your bumper on. The chains are for holding the bumper on only.
5. Front frames may be cut off flush with the front of the core support. Do not move your core support! Your core support may have two 1" threaded rod running through the frame and core support to the top of your hood. you may have 3x3 inch washers for the threaded rod. You may not weld shape or do anything else to your frame. This is a very light build.
6. Cage safe and simple 4 point cage with a halo bar. 60 inch cage from front to back in total length with four vertical down bars and a halo. All cage must be mounted to tin only and be within the driver compartment. The halo is the only part that may extend out of drivers compartment. All bars must be no larger than 6 inch diameter. You may run a gas tank protector mounted to your cage all part of gas tank protector must be at least 3 inches away from any and all tin. You may not remove tin to mount it closer to the frame this is allowed for safety only. No part of the cage may conceal or be in contact with any part of the mount. If any part of the cage comes in contact with motor or tranny you will be DQ.
7. Vehicles must have standard suspension per the vehicle- no welding suspension.
8. You may change your body mounts with 1 inch threaded rod 8 inches long with 3x3 inch washers
9. Doors may be welded 5" on 5" off or wired or chained in 4 spots per door nothing going around the frame.
10. You may chain your rear end in 2 spots vertically
11. Hood and tail gate may be wired, welded or chained in four spots. your threaded rod in core support doesn't count as hold downs.
12. No pre bending any of your body panels or box sides.
13. Any tire may be used
14. You may take anything away but you may not relocate or re work and weld

If your vehicle is built to other rules and is used, please call with questions we will work with most builds as long as they are not over built. We kept the rules as simple guidelines of build,

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most people would say lots of grey areas. This is what you can do. This is a very light build.

Please call Mike with any questions 651-248-8499.