

# ***2010 Modified Demo Derby Rules***

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All rules are subject to the interpretation of the officials, any equipment that the officials consider not in the intent of the rules will be considered illegal for competition. In the interest of fairness the rules may be adjusted to create a balance in competition.

## **Safety:**

1. Anyone entering pit area must display pit pass.
2. No animals allowed in pit area.
3. Keep your pit area clean, remove your trash
4. Alcohol, Drugs, Firearms, Verbal or Physical abuse will not be tolerated

## **Event:**

1. All injuries must be reported to track officials no matter how minor.
2. Regulation racing crash helmets must be worn during the entire event.
3. Long sleeve shirts mandatory, no shorts.
4. Seat belts must remain buckled during the event.
5. Drivers are to stay in their car during the entire event, except when directed by officials
6. Driver's Meeting will be attended by all holding a pit pass (Mandatory)
7. Drivers may be disqualified for:
  - a. Sandbagging, (staying in the background and doing little hitting).
  - b. Being hooked to another car too long or not making contact with another car.
  - c. Drivers door contact or hitting a car of driver that has waved off
  - d. Teaming
  - e. Car condition (Anything that endangers participants)
  - f. Driver or Pit Crew Behavior

## **Vehicle Rules:**

1. No Pick-up trucks, vans, convertibles, four-wheel drives, foreign type cars, no T-top or Commercial vehicles.
2. Remove interior, all body trim, body clips, glass, plastic grills and composite body parts.
3. Material sizes, unless specified in rule are as follows: Chains 1/2", Bolts 3/4", Welding filler 1/2" rebar or 1/4"x 2" Flat stock, and washers 3". All are maximum sizes.
4. Car # must be min. 24" both sides, and top Numbers Only!!
5. Gas tanks must be removed from stock location. New tank installed forward of rear axle behind drivers seat. Chains, cable, or steel brackets must secure gas tanks. Tanks must be made of steel or similar quality. No plastic tanks or plastic connectors. Tank must be installed within safety bars See attachment.
6. Holes must be made in the floorboard around the gas tank for possible spillage.
7. Battery must be relocated to front passenger floorboard. Batterie/s must be covered and securely attached with bolts or chains. No Plumbers tape.
8. Mandatory Bracing: Side bars from dash to 1" forward of rear wheel well. 3 Cross bars, at dash, behind driver, and at rear wheel well. Side bars and cross bars must be connected by welding or bolting. Side bars 4"x3/8" stock min. and cross bars minimum 2" pipe, or square tubing. Schedule #40 min. See attached drawing. Drivers door may have bracing to floorboard, not frame, passenger side may have a total of 8" of bracing to floorboard See Attachment
9. Mandatory: Windshield braces (2) from top of opening to bottom of opening to prevent hood from entering car. Rear window optional, sedans only.

10. Bumper heights, front and rear, will not be higher than 20" measured from the ground to the bottom of bumper. Cars may be raised to this height, but will be checked at inspection and upon entering the arena. Used cars excluded from this rule.
11. Transmission must have overflow drain installed on dip stick tube, away from exhaust.
12. Bumper may be welded to bumper brackets. Bumper brackets may be welded to frames. Bumper seams may be welded, no fillers 5-MPH bumpers may be used on all cars. Homemade brackets not to exceed 14"x 4"x 1/2". NO welding body to bumper.
13. Engines may be chained, bolted or welded to frame. No engine mounts forward of engine block. 4" max mounts. Anything over will be added to overall repairs
14. Engine must remain in stock position. No cutting of firewall for engine swaps or set back. You may cut maximum of a 12" x 12" hole in firewall to relieve distributor rollback. Cover holes
15. Radiators, if used, must be in stock location.
16. All cars must have an engine air cleaner.
17. Doors must be welded and/or chained shut; refer to rule #3 for sizes.
18. Adding flat metal to top of door's OK, refer to rule #3 for sizes.
19. Trunk lids must be chained, bolted, or welded. Do not mix methods; refer to rule #3 for sizes.
20. Wagon deck lids and tailgates must be chained, bolted or welded. Do not mix methods. Refer to rule #3 for sizes. No deck lids welded forward of rear wheel wells.
21. Hood must be chained or bolted all four corners. Gusset plates, 6" maximum. Washers on hood 6" max. Hole must be cut out of hood over carburetor for fire suppression.
22. Seat belts are Mandatory. Front seat may be bolted or welded down. Bucket seat allowed.
23. Body bolts may be changed. Maximum size 3/4" bolt with 3" washer. Body bolts must remain in stock position.
24. Spring clamps may be used. Four per spring 2" wide only.
25. Leaf type springs may be shortened and welded at top leaf by max. 12". Shackles may be re-hung, 3" Shackles Max.
26. No large holes in firewall. Holes must be covered.
27. No welding frame holes.
28. Electric fuel pump if used (EFI ONLY), requires kill-switch to be installed above steering column in windshield area. Must be painted brightly for easy identification
29. Tires must be automotive type, Max 16" wheel size, no aggressive tires on drive axels. Air only!

### **Optional Vehicle Specifications:**

1. Mufflers may be removed.
2. Locked rear-ends.
3. Fenders may be cut away from wheels.
4. Transmission cooler, if used, must be covered.
5. Bumper may be trimmed.
6. Welded down A-arms are allowed. No reinforcement of A-arms.
7. One A/C condenser allowed.
8. Frame seams may be welded. No filler rod, no adding washers. No filling frame holes. All frame brackets may be welded if altered entire bracket will be added to overall repair measurement
9. Chain may be wrapped from rear-end to frame. One each side. No welding.
10. 2" front kicker-bars may be installed on both sides from dash bars to top of frame. Bars must be installed rear of A-frame mounts 2" Rear kickers may also be installed from rear cross bar to frame, forward of rear axel. All kickers must be installed on top of frame only 4" contact to frame Max. (Don't install inside frame)
11. Front fenders may be welded to frame forward of A-frame, welded area will be added to total repair.
12. 12" frame repair allowed per frame rail new and used cars.

*If you believe one of the winning cars is illegal, you must put the complaint in writing and back it up with \$100.00. If we find the complaint not to be valid the money will not be refunded. Protests restricted to drivers only.*

Questions?

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