

2011 Demolition Derby Rules

For All 2011 Events

Approved as of January 15, 2011

In updating this year's rules for our Demolition Derby events, we have attempted to continue to focus on three key objectives – 1) to provide maximal safety for all drivers, pit personnel, officials, the crowd and any other person who may come into contact with or be in close proximity to the vehicles or the demolition derby event, 2) to ensure that vehicle rules are fair and as such promote a competition that provides all entrants with an equal opportunity for success, and 3) to ensure the rules support the promotion of a fun, thrilling and entertaining experience for the participants and the crowd.

We encourage you to PLEASE REVIEW THESE RULES CAREFULLY AND IN THEIR ENTIRETY. While we have designed these rules with safety in mind, we and our agents do not assume any liability in respect to the rules, your application thereof, and your safety. We have provided flexibility in areas where, in our opinion, safety is not compromised nor an unfair advantage created. In the interest of ensuring fairness, the rules are subject to the interpretation of our officials and as such, may be adjusted to create a balance in the competition. Please remember that any equipment that the officials consider not to be within the intent of the rules will be considered illegal for competition purposes.

Your 2011 Rules

Safety:

1. For the safety of all participants, all vehicles must pass an inspection by a NWS designated official(s) before participating in any event. Officials may re-inspect vehicles during or after the Derby is over to ensure conformity to the rules and specifications outlined herein.
2. Anyone entering the pit area must purchase and wear a pit pass at all times. Due to safety and insurance regulations, all drivers and persons entering the pit area must be at least 16 years of age, show proof of age and sign or have a waiver of liability form signed by a parent or legal guardian.
3. Animals are not allowed in the pit area.
4. For safety reasons, your pit area must remain clean and clear of all trash.
5. Alcohol, Drugs, Firearms, Verbal or Physical abuse will not be tolerated. As such, any person under the influence of drugs or alcohol will not be permitted in the pit area at any time. Vehicles may be searched for weapons, drugs and alcohol prior to entering the pit area.
6. All vehicles must have a secure, internally mounted fire extinguisher, accessible to driver and officials.

Event:

1. All injuries must be reported immediately to a track official no matter how minor.
2. Regulation racing crash helmets must be worn at all times during the entire event.
3. Long sleeve shirts are mandatory; no shorts.
4. Safety belts and/or lap harness belts are required. Seat belts must remain buckled for the duration of the event except in case of fire. Secured to frame or factory mount.
5. Driver's are to stay in their car during the entire event, except in case of fire and/or when directed by officials.
6. A Driver's Meeting will be held prior to the start of the first event. As a safety precaution, all persons in the pit area are required to attend. (Mandatory)

7. We want to ensure a safe, fair event that provides a fun and thrilling experience for the crowd. In support of this objective, drivers may be disqualified for:
- Sandbagging, (staying in the background and doing little hitting; you must move or hit **at intervals not to exceed two minutes**).
 - Being hooked to another car too long or not making contact with another car.
 - Drivers door contact or hitting a car of driver that has waved off If, in the opinion of an official, you intentionally hit another drivers door, you will be automatically disqualified.
 - Teaming
 - Car condition (Anything that, in the opinion of our officials, endangers participants)
 - Unacceptable Driver or Pit Crew Behavior.
8. Protest Policy: If you believe that one of the winning cars is in violation of any rules or regulations, you may submit a written protest to the Chief Stewart or designate within 15 minutes of completion of the Derby. *Protests are restricted to drivers only and the decision of the Officials is final.*

Vehicle Rules: These items are required:

- All American made hardtop model stock cars or station wagons are acceptable. No Pick-up trucks, vans, convertibles, four-wheel drives, foreign type cars, No T-top, Commercial vehicles. *No full frame Chrysler products.* Due to possible safety concerns, severely dented or mangled cars may be allowed only at the discretion of the officials.
- Remove interior, all body trim, body clips, glass, plastic grills and composite body parts. Remove all headlights, taillights, exterior mirrors, chrome, emblems, flammable materials, lights, bulbs, door handles and trailer hitches;
- Material sizes, unless specified in rule are as follows: Chains ½”, Welding filler ¼” rebar or ¼”x 1” flat stock. All are maximum sizes.
- Car # must be installed on both sides of car, and on roof. Min 24” lettering.
- 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. 6 gal. Tanks. No plastic tanks or plastic connectors. Tank must be installed within safety bars See attachment. 6 gal. of fuel max.
- Holes must be made in the floorboard around the gas tank for possible spillage.
- Battery must be relocated to front passenger floorboard. Batterie/s must be covered and securely attached with bolts or chains. No Plumbers tape.
- Mandatory Safety Bars: Side bars from dash to 1” forward of rear wheel well. 2 Cross bars, at dash and behind driver. A third safety bar, at rear wheel well, is optional. 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. Welding to floorboard is acceptable. 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
- Padding center of steering wheel required.
- Mandatory: Weld or bolt windshield braces (2) from top of opening to bottom of opening to prevent hood from entering car. Rear window same as windshield, deck lid safety, sedans only.
- 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. Spring spacers are the only accepted method for lifting. Used car heights determined by officials.
- Bumper may be welded to bumper brackets. Bumper brackets may be welded to frames. No fillers or added material. Bumper seems may be welded, no fillers or added material. 5mph bumper may be installed using maximum 4”x 14”x ½” square, round channel, etc. material, welded on outside frame only. Not on top, bottom, inside or stuffed in frame!
- Engines may be chained, bolted or welded to frame. No engine mounts forward of engine block. 4” max mounts. One mount per side only.

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. Holes must be covered for safety.
15. Radiators, if used, must be in stock location, may be strapped or wired in, no welding.
16. All cars must have an engine air cleaner. All cars must have working brakes.
17. Doors may be chained shut or welded, filler not to exceed ½ inch stock. All doors may be welded solid. All chains on vehicles must be at least a minimum of ¼" chain and a maximum of ½ " chain. Driver door may be reinforced. Door bar may be channel iron, box tube or I-beam. Padding is to be installed on driver's door inside to protect driver.
18. Trunk lids may be chained, bolted down or welded; 36" of weld max. Chain may wrap bumper in two places. ½ in max. Max four chains no longer than 3 ft each may be used; If bolted, max 1 1/8" all thread(Ready Rod) may make 2"contact to frame, perpendicular to frame.
19. Station Wagon deck lids max 36" of weld; tailgates may be chained or welded 24" of weld max. Chains ¼" to ½" max. Refer to rule #3 for filler. A 14" hole must be cut in deck lids for inspections.
20. Hood must be chained or bolted only no welding. Bolts may extend to frame, must be located rear of radiator support, 4 bolts max. A 12" x 12" hole must be cut from hood over carburetor for fire suppression. If bolted, max 1 1/8" all thread (Ready Rod) may make 2"contact to frame, perpendicular to frame.
21. Seat belts are Mandatory. Front seat may be bolted or welded down. Bucket seat allowed.
22. OEM body bolts, bushing, and washers only
23. Spring clamps may be used. Four per spring 2" wide only.
24. Leaf spring shackles may be re-hung, 3" wide shackles Max. Used car leaf repairs officials will decide depending on spring type...
25. Second time. Holes in firewall must be covered!!!
26. Electric fuel pump if used, requires kill-switch to be installed above steering column in windshield area. Must be painted brightly for easy identification
27. Tires must be automotive type, Max 16" wheel size. All tires must be street legal and DOT approved, not to exceed 8 ply. No aggressive tread on drive axels, no studs or additives of any kind allowed. No wheel weights. Max height 31". Air only in tires.
28. Transmission filler tube must have drain hose installed to avoid fluid from contacting exhaust system (burp tube). Call for more information.
29. It is illegal to weld body seams unless specified in the rules. It is also illegal to weld, paint, undercoat, mud, sand, grind, etc. any portion of the car's frame unless specified. Used cars must have frame cleaned of debris (dirt) from prior derbies.
30. NEW: Distributor Plates: Distributor plates are allowed; they must be attached to engine and ***transmission only, must be no wider than 10 inches and must not contact dash bar before, during or after the event. If you run a DP do not mount your dash bar closer than 5 inches behind the rear most point of the firewall/cowl. It may not be welded, bolted or connected to body, hood or frame. Forward supports must be inside normally positioned headers and not extend past the water pump. If using an engine cradle, it must not be connected to the distributor plate.***
31. NEW: Repairs: When repairing damaged cars, you may use two (2) 4"x4"x1/8" plates per frame ***section. Pieces cannot be any closer than 3". They may not attach to each other in any fashion. Repair pieces must have an inspection hole drilled in the center of the plate. A frame section is one frame rail in front of or behind an OEM firewall. A total of 8 plates are allowed – 2 plates RF frame, 2 plates RR frame, 2 plates LF frame and 2 plates LR frame. You may not add any more than 2 plates Max per frame section. You may not takes plates away from one frame section and add to another (i.e : you cannot reduce the number of plates to 1 in one section and add a third plate to another section)***

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. One A/C condenser allowed.
7. Floor shift.
8. Radiator fans
9. Safety gloves should be worn by all drivers.
10. Chain may be wrapped from rear axel to frame. One each side. No cutting away body, No welding, No bolting to frame.
11. Mud screen allowed.
12. Drivers door (only) may have a steel/metal plate inside the window area.
13. If dashboard removed, side to side brace is allowed and recommended in dash position.
14. Front A-Frames may be welded to frame (top A-Frame only) No reinforcing of A-Frames.
15. Bump stop may be added to rear for height. (welded to axel housing only, not to frame).

We have again attempted to cover all of the major components of your vehicle and to provide a few options for you in readying your car for one of our demolition derby events. If, however, you have any questions whatsoever about the rules and/or specifications outlined herein or require clarification, we encourage you to contact one of our officials in your area to ensure that you have all the information you need to properly prepare your vehicle and thereby avoid disappointment at the time of inspection. Unless approved in advance by a Chief Official, if the rules don't say you can, then you can't ! Vehicles built in accordance with WGAS rules may qualify for NW Sports events however, you must confirm any variances from the above in advance with one of the following Chief Officials:

Re: Del Norte (Crescent City, Cal) or Clark County Fair (Ridgefield, Washington) - John Horton at 503-364-4612 (after 6 pm) or email: john_horton@msn.com;

Re: Klamath Falls, Ore and Central Washington State Fair in Yakima , Wash - Darrell Layman at 509-910-6391 (after 6 pm) or email: karennelson1963@hotmail.com;

Add info and register on our website at www.northwestsportsevents.com

