

## WATERVILLE DEMO DERBY RULES

### RULE BOOK DISCLAIMER

The rules and /or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events, and by participating in these events, all participants are deemed to have complied with these rules. NO EXPRESSED OR IMPLIED WARRANTY OR SAFETY SHALL RESULT FROM PUBLICATIONS OF OR COMPLIANCE WITH THESE RULES AND/OR REGULATIONS. They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator or official.

The Race Director shall be empowered to permit minor deviation from any of the specifications herein or impose any further restrictions that in his opinion do not alter the minimum acceptable requirements. NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM SUCH ALTERATIONS OF SPECIFICATIONS. ANY INTERPRETATION OR DEVIATION OF THESE RULES IS LEFT TO THE SOLE DISCRETION OF THE OFFICIAL. THEIR DECISION IS FINAL.

The management of the NCW District Fair

## DEMOLITION DERBY RULES

### DRIVER AND CAR ELIGIBILITY

\*Any person 16 years of age or older with a valid driver's license may race. Any persons, less than 18 years of age must have a release signed by a parent or guardian. Release forms are available and must be filled and notarized before entry into the restricted area.

\*Anyone who is under Doctor's orders, receiving Workman's Compensation or is drawing sick benefits from any source must make their conditions known and a decision will be made by event management as to that person's admissibility to drive in the event.

\*Any stock American passenger car or station wagon is eligible to run with the exception of a Checkered Cab or Chrysler Imperial. No pickup truck, panels, convertibles, carry-alls, vans, four wheel drive, hearses or ambulances will be allowed.

\*To register the car and enter the racetrack, each car owner must produce the legal title, a notarized release of interest, of A.V.R. from the State of Washington for her car. ALL CARS MUST BE REMOVED FROM THE EVENT GROUNDS AT THE END OF THE EVENT OR PARTICIPANTS BY COMPETING IN THE EVENT ACKNOWLEDGE THEY WILL REIMBURSE THE EVENT ORGANIZERS FOR ALL EXPENSES FOR SAID REMOVAL.

### SAFETY RULES

\*Driver's seat must be mounted to the floor pan and all hardware must be made of metal. NO WOOD ALLOWED.

\*A seat belt is MANDATORY. Shoulder Harness is recommended. The seat belt must be securely fastened to the floor.

\*Any competition car entering the restricted areas must have a fully charged dry chemical Fire Extinguisher. The extinguisher must be at least 2 ½ pounds in size and mounted securely within easy reach of the driver strapped in the care. The Tech Crew may test extinguisher.

\*Long sleeve shirts (NO NYLON) are MANDATORY for all drivers. Driving Suits are highly recommended.

\*Racing Helmets are MANDATORY. It is recommended that helmets meet the specifications set forth in the Federal Regulations, Federal Vehicles Safety Standards or meet the specifications set forth by the American National Standards Institute, Inc. The helmet shall be of 1985 manufacture or newer with no visible damage to the exterior of the helmet (i.e. chipped gelcoat, dents, or visible fiberglass showing). HELMET FACESHIELD, GOGGLES, OR SAFETY GLASSES WILL BE MANDATORY. ALL HELMET RULES WILL BE STRICTLY ENFORCED. NO EXCEPTIONS!

\*All glass (except windshield), side chrome, headlight rims, antennas, side mirrors, rear tail-lights, floor carpet, headliners, plastic ornaments, light bulbs and hub caps must be removed.

\*All cars shall have a windshield. ¼" wire mesh or acrylic lexan are an acceptable substitute. NO PLEXIGLASS.

\*All cars must have at least three (3) front windshield supports installed inside the car running from top to bottom, evenly spaced side to side. They must be securely attached and made of 1" x ¼" steel flat bar. This must be done no matter which of the three types of front windshield you use.

\*All loose foreign material, such as broken glass or trunk items must be removed before arriving at the event. STRICTLY ENFORCED.

\*Window and door handle mechanism must be removed.

\*The center of the steering wheel must be padded.

\*The original Gas Tank must be removed. A five- (5) gallon metal jeep can or eight- (8) gallon metal boat tank should be mounted under the rear window shelf behind the rear seat frame. The can must be securely mounted or chained in at least 2 ways. All fittings must be secured and all gas lines must have screw type clamps. No leaks allowed. The tank must be centered in the car. A firewall of at least 20-gauge steel will be mounted between the tank and the driver. NO ELECTRIC FUEL PUMPS ARE ALLOWED!

\*When the fuel lines go through any sheet metal they must be insulated and clear of all sharp edges. No fuel lines are to be run through the driver's compartment of the car.

\*No plastic tanks, lines or fillings allowed in any part of the fuel system. No copper lines or starting fluid systems allowed. No fuel tanks exceeding eight (8) gallons allowed.

\*You must have an air cleaner or spark arrestor on the carburetor.

\*A hole of at least eight (8) inches in diameter must be cut in the hood for fire extinguisher access. DO NOT put the hole directly above the carburetor.

\*Drivers door must be reinforced. A minimum of six (6) inches and a maximum of ten (10) inches wide of steel channel of at least ¼" thickness must extend at least six (6) inches beyond each end of the door seam. No square tubing, railroad iron or guardrail will be allowed. Door bar must be bolted with a minimum of two (2) ¾" or larger bolts which extend through the inner panels. The threaded ends must be to the inside and have a backing panel of at least a 6"x6"x ¼" square steel plate. Any bolts a driver can come in contact with must be padded. Concrete will not be used in place of the door bar.

\*A rollover bar must be installed between the roof and floor directly behind the driver. Material to be at least 2" OD standard water pipe or steel equivalent. A minimum 6"x6"x ¼" steel plate must be welded on the 2" floor pan with a

minimum of four (4) ½"bolts at each end. A headrest is MANDATORY. It must be sturdy, padded, and securely installed. You can pad the roll over bar if your seat does not have a factory headrest.

\*All cars will have a cross brace from post to post behind the driver. Cross brace shall be made of at least 1-3/4 .90" wall tubing or 2" OD pipe. It will have a 6"x6"x1/4" plate welded on each end. It will be bolted in place with at least four (4) ½ " bolts on each end.

\*All doors will be chained and or bolted in place. If chained, tow chains of at least 3/16" chain will be used. If bolted, use at least two (2) ½" bolts evenly spaced.

\*All cars will have a spreader bar installed similar to the cross brace above the steering column and padded at any place driver might come in to contact with it. It will also be made of at least 1 ¾" .90" wall tubing or 2" OD pipe with a 6"x 6" x ¼" plate on each end. It will be welded or bolted in place as the cross bar is.

\*All key locking systems and steering wheel locking systems must be removed. All ignition wires will be run through a kill switch within easy reach of the driver. Switch will be clearly marked OFF AND ON.

\*Only stock engines will be allowed. Any carburetor is allowed with one four barrel being the maximum. No speed equipment will be allowed. No aluminum intakes.

\* No cooling system other than stock, in the stock location. Fans can be removed. Radiators can be substituted if placed in the stock location and angles. NO ANTI-FREEZE, water only.

\* Only stock passenger care rims are allowed, no reinforcement. No reversed rims allowed. Cement and other foreign substances are not allowed in the tires.

\* Tires that will fit the car without modifications will be allowed. Four (4) and six (6) ply tires only. Chrome rims and mags are optional. If they are used in best appearing they must be run on the car through the heat races.

\* Cars must have working brakes upon entering the track for competition.

\* Mufflers are MANDATORY. Manifolds are to be in stock mounting positions. Exhaust will extend to behind the driver. STRICTLY ENFORCED, NO EXCEPTIONS.

\* Drivers door must be padded.

\* Transmission coolers are allowed for automatic transmission powered cars. No leaks allowed. Transmission cooler not allowed inside driver's compartment.

\* Battery may be relocated to inside the car. Battery must be fully enclosed and vented through the floor. It must be secured to the floor in such a manner that it can not come loose and injure the driver. A plywood or plastic battery box is recommended.

\* All cars will have a ROOF MOUNTED NUMBER BOARD. There are to be 18" high and 3 ' long and be mounted with four (4) L brackets to the roof of the car. Numbers are to be painted in a contrasting color (NO FOIL NUMBERS) and be at

least a 2" brush stroke. Numbers are to be able to be read from both sides of the car. If your roof mounted signs falls off, you will be DISQUALIFIED.

#### CAR PREPARATION REGULATIONS: MUST NOT DO

NO reinforcing to the front or rear of the car is allowed.

Trailer hitches MUST be removed.

When repairing damaged cars, NO material stronger than factory original material you are repairing or replacing may be used.

Front and rear suspension must remain stock. NO reinforcing or altering is allowed. You may NOT reverse spring shackles. You may NOT alter stock height of the car. NO spring spacers. NO overload or booster shocks. NO air shocks. NO adjusting of torsion bars.

NO switching of frame clips. Frame clips must be stock for make and model of the car. No notching of frames or bodies allowed. No modifying of bodies by crushing or using a sledgehammer. Cars from previous Demos are allowed.

Front firewall will remain as factory produced with NO modification.

Wheel wells may be trimmed for tire clearance. EXCESSIVE trimming will cause the car to be disqualified.

#### DRIVER OR PIT CREW CONDUCT

THERE WILL BE NO CONSUMPTION OF ALCOHOL OR ANY OTHER ILLEGAL SUBSTANCES IN THE PITS OR ON THE TRACK DURING THE EVENT. (The event being until final tech inspection at the conclusion of the event, removal of the car and payoff is completed.) VIOLATORS WILL BE REMOVED FROM THE RESTRICT AREA ALONG WITH THE CAR HE OR SHE SIGNED IN UNDER AND DISQUALIFIED. FIGHTING WILL NOT BE TOLERATED. ABUSIVE LANGUAGE AND GESTURES WILL NOT BE TOLERATED AND ARE ALSO REASON TO BE DISQUALIFIED.

Theft or sabotage will not be tolerated and immediate disqualification will result.

People teaming up to win will not be tolerated.

Cars intentionally hitting other cars in the driver's door will be disqualified.

Tech Inspectors and/or the Race Director may make spot checks at any time.

Event or Tech Officials will not be subjected to any abusive or improper language or gestures at any time. Disqualification will result.

EVERYONE IN THE RESTRICTED AREA WILL ATTEND PIT MEETING HELD PRIOR TO THE EVENT! (DRIVERS, OWNERS AND CREW MEMBERS.) NO EXCEPTIONS!

Only the driver is allowed in or on the car while it is on the track.

All cars will qualify for the event by competing in Time Trails. Those times will then be used to stage the cars for the heat races. All cars will be required to compete in at least two heat races. Not all heat races pay money.

The manner in which the events will be run and any extra events added to the program will be the sole discretion of the Race Director.

Any car sitting for two (2) minutes or more is disqualified by the officials and no longer may compete. There is to be no working on the car during the main event.

First, Second and Third place cars may be re-teched after the Demo Main within 30 minutes of the checkered flag for rules violations.

## FLAGS

Flags all drivers must know:

- \*GREEN Start of the event.
- \*RED Danger- immediately stop all action
- \*BLACK Car is to return to the Pits immediately
- \*WHITE Last Lap ( will be used in the heat races and time trials)
- \*CHECKERED Event is over

FOR TECHNICAL INFORMATION CALL: JOHN BALL at (509) 884-2224

TO RESERVE A CAR NUMBER CALL THE WATERVILLE FAIRGROUNDS AT:  
(509) 745-8480