

Section 13 – Thunderdogs

13.1 ELIGIBLE MODELS - Any Car, Van, SUV or Pick Up approved. Oversized vehicles are not approved.

13.1.1 **Thunder Dogs are CARS THAT WE RACE NOT RACECARS.**

13.1.2 Any 4, 6 or 8 cylinder engine approved. Any modifications approved.

13.1.3 It is recommended that the battery should be removed from stock location, and shall be secured in a sealed battery box and meet tech approval.

13.1.4 Exterior bracing, bumper reinforcement and nerf bars approved.

13.1.5 Exhaust must be leak free and exit away from the driver with a functional muffler in place. All Thunder dogs will meet dcb level in section 3 minimum specifications.

13.1.6 **Aluminum racing seats are Highly Recommended.** Tech approval required on installation. Reinforcement of seats will be subject to tech approval.

13.2 MODIFICATIONS ALLOWED AND/OR REQUIRED

13.2.1 Passenger car tires mandatory if take-off tires or other spec tires are not used. Oversized wheel studs are recommended.

13.2.2 Front Bumper and reinforcement: Front bumper and all other areas of the vehicle may be reinforced.

13.2.3 Gas Tank:

13.2.3.1 If stock gas tank is forward of rear axle, it may remain in place if approved by tech or HWY 16, LLC promoter.

13.2.3.2 If stock gas tank is behind rear axle, it must be replaced or in the trunk area as far forward as possible. **IT IS HIGHLY RECOMMENDED THAT THIS FUEL CONTAINER BE REPLACED WITH A COMMERCIALY PRODUCED FUEL CELL.** All fuel container applications must be tech approved.

13.2.3.2.1 Two, front to rear straps on top and around bottom of fuel cell or approved container are mandatory.

13.2.3.2.2 One side to side strap will be required in the same fashion as the front to rear straps.

13.2.3.2.3 Said straps will be made of a minimum ¾ " metal flat strap.

13.2.4 Roll Bar: A single hoop rear roll bar (behind driver) is HIGHLY RECOMMENDED.

Roll bar must be welded or bolted in place, attached to car with a minimum of 2, 45 degree forward or rearward support bars. Roll bar padding mandatory on all bars within reach of the driver.

13.2.5 Driver **door bars are HIGHLY recommended**, 4 evenly spaced on the left side of a 4 point cage.

13.2.6 Windshield may remain if in good condition or may be replaced by lexan or maximum 1" by 1" screen. All other glass, and under hood insulation must be removed.

13.2.7 All doors must be welded, bolted or chained shut. A driver's door plate is required of no less than 3" wide x ¼" thick steel flat strap extending past the front and rear door seams in the middle of the door skin. The purpose of the strap is to not only keep the door closed but to provide some impact resistance. It is recommended that more than one of these straps be installed. All straps must be installed flat. Grader blade material is highly recommended as strap material.

13.2.8 Car numbers must be at least 12 inches tall and in contrasting color on the driver and front passenger doors and a car number on the roof. No duplicate numbers allowed.

13.2.9 All drivers shall name their cars, **all names should be painted or lettered behind the number in the quarter panel area.** example "76 Miss America" or "99 Queen Witch" or "00 Catfish"

13.3 PERSONAL PROTECTION

13.3.1 Approved helmet, SA 2000 or Snell 2000 minimum requirement. M Helmets are not approved without a fire retardant head sock.

13.3.2 4 or 5 point racing seat belts are highly recommended. (3 yr date stamp recommended) Tech approval. Approved seat belts required.

13.3.3 Long sleeve fire retardant jacket required, **full length Nomex racing suit highly recommended.** Long pants and full leather shoe or boot and gloves required. No nylon allowed PERIOD. Racing suit, gloves and neck brace highly recommended.

13.3.4 Fully charged fire extinguisher with gauge must be securely mounted within easy reach of driver required.

13.3.5 Driver's side window net is required. Must be equipped with quick release for driver exit and entry on driver side.

13.3.6 All cars are subject to a minimum specification inspection at any time. It is the responsibility of the driver to prepare their car free of defects and in safe racing condition.

13.4 MANAGEMENT CLAIM There is no claimer in effect.

13.5 DRIVER EXPERIENCE

13.5.1 All drivers with a current number/competitors license will be allowed to enter events.

13.5.2 EVENTS: Different type events may be run at the discretion of track management and officials. Direction event is run may change. Refusal to participate in novelty events may result in loss of points earned that night.