

TORNADO TRUCK RULES

CONSTRUCTION: Equipment will not be considered “legal” simply because it went through inspection unobserved, or because a rule has not been written excluding it.

I. TRUCK ELIGIBILITY:

Open to any 4-cylinder truck, provided they meet the following rules:

- Rear wheel drive only. No air-cooled engines. No turbos. No rotary engines. No full-sized trucks-MUST be a small truck. No El Caminos, Rancheros, or similar trucks. Engine must be STOCK OEM to make of truck.
- Maximum wheel base. No more than 111 inches.
- No cutting of frame. Rear rubber pocket mounts may be removed. No changing or altering frame to change ride height or wheel base.
- Frame may be cut to replace damage to frame only and must maintain factory specs.

II. BODY SPECIFICATIONS:

Trucks must remain completely stock. No cutting of exterior panels except for relief from tires rubbing on wheel well openings. Only needed amount may be removed and must be by WWRA official's approval. The driver and passenger's doors may have the inner door panel and door hinges removed. Inner fender wells may be removed. Remove rubber fender covers. Hood hinges may be removed. Hood latch and insulation must be removed, pins may be used to retain hood. The front windshield may be replaced with Lexan or it's equivalent, minimum 1/8" thickness. All other glass must be removed. The front Lexan windshield must be securely fastened to the original windshield frame. The center of the windshield opening will have a steel vertical bar of 1/2"x1/4" minimum, fastened to body or cage top and bottom. Two bars are recommended.

- All must be removed: headlights, turn signals-front and rear, stock stop/tail lights, and side marker lights.
- Bumpers to be stock or a reasonable equivalent.
- All carpet, headliner, inner door coverings, carpeting, seats, etc. must be removed. A 2", one piece spreader bar is to be installed above the steering column, and the column must be attached to the spreader bar. All mirrors must stay inside of body line.
- Tailgate to be stock. Must be welded or bolted closed. Truck box must remain stock. Bed may be covered with metal. Maximum 6" spoiler optional. Fuel and battery access required.
- Any ballast must be painted white, have number of truck on it and securely bolted.

III. SEAT BELTS AND SEATS:

A 3" wide (minimum) racing harness is compulsory (NASCAR or Aircraft type.) Driver's seat and racing harness must be bolted to roll protection. If you have any questions, see the Board. Tech has last say on acceptability of harness. Racing seat with headrest required. Must be securely mounted to roll over protection top and bottom. Seat,

other than aluminum racing seats, must have a seat frame. See suggested installation diagram on last page.

IV. BATTERY:

- Battery must be removed from engine compartment. Must be securely mounted in box. No plastic boxes. Battery must have separate hold down from box. Battery must be forward of rear end.
- Battery disconnect must be mounted on left side within easy reach of safety personnel. Battery must be clearly marked ON/OFF, and MUST kill engine.

V. ENGINE SPECIFICATIONS:

- Engine must be stock, no performance enhancing parts. Engine must have a single stock cam, two valves per cylinder, four spark plugs and be stock OEM engine to make of truck.
- Carburetor or fuel injection. After market two-barrel carburetor with OEM cfm specifications are okay. Maximum one inch adapter or spacer okay. A metal air filter housing must be used with replacement type air filter. No additional holes may be cut.
- A stock OEM oil pan must be used.
- NO antifreeze may be used in the cooling system.
- Electric cooling fans optional.
- NO adjustable cam gear.
- Lower crank pulley may be after market. Must be approved by WWRA officials.
- Firewall determines motor mounting.

VI. MUFFLER:

- A stock type muffler must be used. Stock single exhaust must be used, and its outlet must extend past the driver's area.
- Only stock exhaust from head pipe forward. Removal of catalytic converter is recommended.

VII. SUSPENSION:

- All suspension must remain stock OEM parts to make of truck.
- Minimum ride height will be 5 inches, measured under driver's door without driver in it. Cutting or heating of springs allowed.
- Drive line must be stock and painted white. Two drive line catch straps required made of 1" square tubing or solid bar stock, positioned approximately 10" from each universal joint.
- Lowering blocks allowed.
- Stock shocks only. No adjustable or spring assisted.
- Stock four wheel working brakes.
- Stock rear ends per make and model of truck. No locked or posi-traction rear ends.

VIII. TIRES AND WHEELS:

- Tires may be maximum 8" Diamond back V Class or 8" Spanaway Nutread (3 Groove, 5 Groove, or Slicks.) Steel wheels suitable for a racing should be used with nothing wider than 8".
- Any factory passenger or racing rims may be used. Maximum rim width is 8"
- Tires may not exceed more than 1" past normal body line.

IX. FIRE CONTROL:

- Must have fully charged fire extinguisher. Minimum 2.5 pounds ABC rating. Must have metal handle, gauge, and brackets. Must be easily removable and within reach of driver.
- All entrants should have a fully charged dry powder fire extinguisher, showing a current inspection certificate, in their pit areas at all times.
- Fire suit required for all drivers.

X. SAFETY EQUIPMENT:

- Center of the steering wheel will be padded with at least two inches of resilient material.
- All bars within the driver's reach will be padded.
- WINDOW NET required. All window nets must drop down from the top.
- It is required that either a Collapsible Steering Rod or a steering rod with two universal joints be used.
- A steel quick release hub assembly may be used on the steering wheel.

XI. GAS TANK:

If stock gas tank is ahead of rear between the frame rails in its stock location it may remain in truck. You will have to relocate the filler neck inside of the bed. Fuel cell highly recommended. If you use a fuel cell, it must be contained in a steel structure of no less than 20-gauge material. The fuel cell and steel container must have a 1" minimum tube frame surrounding the bottom. It must be mounted behind the cab, between the frame rails, and a minimum of 12" in front of rear bumper. The cell cannot be lower than the stock tank. A minimal amount of the bed may be removed for installation of the cell. It must be securely mounted with steel straps 1/8 inch thick by 1½ inches wide minimum. Mounting method must be approved by Tech. The fuel cell size will be maximum 12 gallon. If you use a fuel cell the stock gas tank must be removed. Electric fuel pump must be mounted inside the frame rails rearward of the cab.

XII. ROLL CAGE:

- Minimum 4-point roll cage required. Bar size minimum is 1½"x.095 tubing. It should have a minimum of four door bars on the driver's side and a minimum of two door bars or an X design on the right side. If 1¾" .095 tubing is used, only three door bars

IF IT DOESN'T SAY YOU CAN, YOU CAN'T!