

Thunderbird Raceway 2010 UMP 4Cylinder Rules

General rules for drivers and crew.

#1 Rule-- This is a sporting event for the enjoyment of the racers and fans alike. Never forget what this sport is about.

1. Drivers, owners, and crew members will conduct themselves as professionals. Any unsportsmanlike conduct by drivers, owners or crew members shall be grounds for disqualification and / or suspension.
2. All drivers or crew members under the age of 18 must have a waiver and parent consent form signed before entering the pit area or competing at Thunderbird Raceway.
3. No equipment or race car will be considered as having been approved by reason of having passed through inspection unobserved.
4. Any person who defies or violates the intent or spirit of the Thunderbird Raceway rules shall be considered to have engaged in unsportsmanlike conduct and shall be subject to suspension or removal from the premises.
5. Thunderbird Raceway reserves the right to refuse any car or participant at any event, for any reason.
6. No alcoholic beverages or controlled substances are to be consumed before or during races by anyone entering the pit area.
7. Thunderbird Raceway officials reserve the right to request a doctor's release at any time, for a said driver to participate at Thunderbird Raceway.

Sportsmanship Rules for Drivers AND Crew:

1. All discussions with officials shall be conducted in a professional manner.
2. Drivers are responsible for the conduct and actions of all crew members (this includes spouses, relatives, and significant others). Unsportsmanlike conduct, fighting, or harassing officials may result in disqualification and/or suspension.
3. All drivers & crew will conduct themselves in a professional manner.
4. Disqualification and or suspension will result for the following unsportsmanlike behavior.
 - A. Driver or crew member going into other drivers pit area.
 - B. Fighting or assault.
 - C. Any driver threatening or touching an official.
 - D. Any driver stopping on the track and throwing a tantrum or holding up the show.
 - E. Any driver that takes his or hers helmet off while on the race track during an event.
 - F. Any driver or crew member using profanity or obscene gestures at flagman or any official.
 - G. Any driver that intentionally makes contact with another car following the finish of a race or during a caution period.
 - H. Or any other unprofessional or unsportsmanlike conduct not covered in this section.

RaceCeiver:

The RaceCeiver is required to compete at Thunderbird Raceway!

SAFETY EQUIPMENT:

-Approved full-faced helmet SA 2000 or newer, racing gloves, full fire suit and neck brace when on track.

FIRE EXTINGUISHER:

-Must be in working order, mounted for easy removal, and with – in reach of the driver. (NO TAPE, CLAMPS, ZIP TIES).

FUEL CELL:

-Mandatory! Must be securely mounted and painted red.

FIRE WALL:

-Must have a firewall between drivers compartment and fuel cell.

WINDSHIELD:

-Windshield or protective screen is optional. If the windshield is removed (3) vertical steel rods in front of driver is MANDATORY! All other glass must be removed.

SEAT:

-Racing seat is MANDATORY!

SEAT BELTS:

-MANDATORY! (5) point racing approved seat belts must be securely fastened to the frame or roll cage. - Belts should not be older than 3 years!

WINDOW NET:

-MANDATORY! Must be securely fastened to roll cage, with release at top left corner.

ROLL CAGE:

-Minimum 1-1/4 O.D. tubing. Minimum wall thickness (083). 4 post cage required. One horizontal bar on passenger's side. Three door bars inside drivers door. 18 x 24 inch plate in drivers door and behind seat. No bars outside of car.

CARS:

-Any four-cylinder vehicle, including Ford Ranger's, S-10's as supplied by American manufactures sold in the USA. Front wheel drive and four cylinder trucks are ok. No vans, no four-cylinder camaro's and no foreign cars that are not sold in the USA.

WHEEL BASE:

-Maximum wheel base 101 inches for cars. Trucks short or long wheel base ok.

INTERIOR:

-All interior carpets, headliners and extra seats must be removed. Dash may be removed except rear fender wells. Stock firewall and floor pan must remain in car.

EXTERIOR:

-All glass, headlights, and sidelights must be removed and replaced with sheet metal.

STEERING:

-Stock OEM steering parts for make and model of frame use only, Steering Quickener ok, No heim joint tie rods. Tubular steering shaft ok, if used minimum (1) U-joint must be used and quick release steering wheel hub.

STEERING WHEEL:

-Quick release (pop-off) steering wheel MANDATORY!

GRILLS:

-Grills may be removed and replaced with sheet metal between hood and bumper. Gravel shields and radiator supports may be removed.

SUSPENSION:

-Cutting of suspension allowed. Stock suspension for make, year and body style of car. Lowering blocks ok.

SHOCKS:

-No outboard shocks or tower shocks (stock appearing). No air or gas shocks, No over-loading shocks. Stock shocks only.

SPRINGS:

-Springs may be heated.

BODY:

-Steel body panels only. Front and rear bumper covers can be OEM or aftermarket plastic. Doors only can be hand made. Cars & Trucks will resemble stock body.

BUMPERS:

-Manufactured bumper MANDATORY! A round bar behind bumper ok. Maximum (2) inches. No fabricated bumpers allowed. No bars above or below bumper, front or rear. No box, channel or angle behind bumper. Front and rear wrecker hooks or chains MANDATORY!

HOOD & TRUNKS:

-Must remain on cars at all times, at least (2) hood pins mandatory.

-NO WINGS OR SPOILERS, NO COW CATCHERS.

FRAME:

-No alterations to frame or frame motor mounts. Strengthening of original frame ok. Can tie front-end and rear frames. No removing of floor pans. No off-setting. Front clip must remain stock, if damaged beyond repair, it must be replaced. You may use sub frame connectors, (not over 36" long).

PAINT & NUMBERS:

-All cars must be painted with numbers (16) inches high and legible on both doors and roof (within 2 weeks of first race).

WHEELS:

-Steel only. Maximum (8) inches, (13 or 14) stock wheels will be allowed for stager. All have to be the same width.

TIRES:

-D.O.T. approved radial- not over 8" wide street tires. No wider than (60) series tires. (Must fit an 8 inch hoop). No trimming or cutting side tread except to groove.

MOTORS:

-Maximum of (4) cylinders not to exceed 2500cc, and must be stock. Make to make motor for cars being used. No modifications to motor to fit stock mounts in stock position. Example: Iron duke may replace Vega motor if no modifications needed to motor or mounts only.

-All parts must remain stock as supplied by manufacturer. No interchanging parts from a (6) cylinder or (v-8) engines to (4) cylinder motors. No interchanging parts of one manufacturer to another. Engine replacement parts as supplied by manufacturer. However, can be purchased at a parts store. No parts purchased from any racing equipment company. All engines on exterior must be stock appearing for make of car being used. Rear engine cars may have bars around engine only.

-NO TURBO MOTORS

HEADERS:

-OK, mandatory muffler and max 3" OD pipe, One pipe only

-MUFFLERS MANDATORY!

INTAKE:

-Stock intake ok, No modifications allowed. No re-drilling of bolt holes to head.

DISTRIBUTOR:

-Advance in distributor may be locked.

CARBURETOR:

-Any (1) two barrel stock carburetor (per car). No side draft, no after market or special built high-performance carburetors. Holly carburetors ok. Adapter plates ok. Must be able to purchase carburetor from a non-high performance parts store, No alcohol carburetors or nitrous oxide.

-OEM electronic fuel injection ok. Must have battery disconnect on right of driver to shut off power to motor.

ELECTRIC FUEL PUMPS AND REGULATORS:

-Are allowed only if mechanical fuel pump can't adapt to engine. (must have a manual shut-off switch that can be reached from the outside of car. Must be marked with a Yellow "X"). -Electric fuel pumps must be wired to oil pressure switch to shut off power.

TRANSMISSIONS:

-3, 4, & 5 speed transmissions or automatic allowed for make of car, Example: Ford transmissions can't be used in a Chevrolet, etc.

FLY WHEEL & CLUTCH:

-Stock flywheel and clutch assembly as supplied by manufacturer.

REAR ENDS:

-Rear-ends, steel OEM and Ford 9" ok. Rear-ends may be locked.

WEIGHT:

-2300 Lbs. Weight penalties may be applied to vehicles that have modification outside the rules. This will be at the officials discretion.

NOTE:

-No driver car owner, mechanic or participant shall have claim for damages, expenses or otherwise against promoter, track owner or any of its officials by reason of disqualification, or damage to either car, driver, or both. Car owner, driver, mechanic and participants agree that the track is in safe condition if they take part in racing activities.