

**Whitewater Tractor Pullers Association**  
**2 Wheel Drive Trucks**  
**6500lbs**

Engine must be in the stock location, which is defines as being within the engine compartment as manufactured, behind the stock grill, and in front of the stock firewall.

The vehicle may run without a radiator, and the engine may be moved forward or back as long as it complies with the engine section (see below).

Except for high performance type starters with crankshaft drive, the rear of the engine block may not be moved forward of the center line of the front axel.

Engines are only allowed to run a maximum of 2 valves per cylinder head and one spark plug per cylinder.

Fuel injection, carburetors and headers may protrude through the hood.

The vehicle must have vertical exciting exhaust with the pipe being a minimum of one foot above the hood line, and may only have a 10-degree variance in any direction

**WEIGHTS**

The weights must be securely fastened to the vehicle and must not extend no further than 60 inches from the centerline of the front wheel.

**ENGINES**

***408 cubic inch maximum engine size.***

Stroking and destroking of engines is permitted.

Only cast iron block and cylinder heads are permitted. Aftermarket blocks and cylinder heads are allowed, as long as they are of cast type.

Aluminum cylinder heads are permitted

A single carburetor is permitted, or fuel injection if factory equipped for that year truck and block.

The engine must be naturally aspirated.

Open headers are permitted and must exit either in a vertical fashion (within 10 degrees of vertical) or down and back exciting towards hr rear of the vehicle.

Any intake, ignition, cam, piston or dome will be permitted.

Engine must be same brand as truck.

Nitrous oxide and its equipment or any other oxygen carrying fuel additives is ***not permitted.***

Alcohol is ***not legal*** fuel for this class.

**CLUTCH and TRANSMISION**

Any clutch or torque converter may be used.

Aftermarket clutches and torque converters are permitted.

Any automotive transmission and transfer case may be used.

Quick change rear end may be used and does not have to match manufacture of vehicle competing.

**REARENDS**

Quick change rear ends are not permitted. If the competitor is using a ruxle style rear end, they must NOT be able to change speeds from within the driving compartment.

Planetary rear ends are permitted.

**BODIES and CHASSIS**

There shall be no hood alterations except to allow clearance for fuel and exhaust.

Any body style including mini trucks (i.e. Rangers, Dakota and S-10, S-15) will be permitted.

Fiberglass replacement body parts will be permitted.

Vehicle must maintain stock wheel base according to the manufacturer. (133" + 3"-3")

Car bodies are ***not permitted.***

### **TIRES**

Maximum tire size is 15.5 x 36 inches.

“V” thread type tire is *not permitted*

Cutting and grooving tires is *not permitted*.

Good Year Terra tires and DOT approved tires are permitted.

### **SHEILDING**

Fan and water pump must be shielded; however electric fans and water pumps do not have to be shielded.

All harmonic balancers must be shielded.

Steel inner fenders and/or engines side shields must be present and must extend to the top of piston travel.

All U-Joints must be shielded 360 degrees with 1/4 inch steel and must be a minimum of 6 inches of length.

All drive shafts must have 3 loops of 36 degree 1/4 inch steel and must be a minimum of 1 inch in width.

Scatter shields must be 360 degrees; thus fully surrounding the clutch and flywheel.

### **DRAWBAR**

#### **Max. 30” height**

The point of hitch to center of the rear axle shall be no less the 36% of the wheel base.

Drawbar must be rigid in all directions and must not be able to move during competition.

Hitch hole to be 3x3 3/4” in diameter.

### **BRAKES**

Two wheel drive trucks must have working rear brakes.

Individual cutting brakes are permitted.

### **WEIGHTS**

Weights on the front of the truck cannot exceed more the 60 inches from the center of front axel.

Weights cannot extend past the point of hitch at the rear of the vehicle.

### **SAFETY**

Kill switch is mandatory and must meet NTPA rules.

Back up lights are mandatory.

Neutral safety switch is mandatory.

Fire extinguisher must be within the reach of the driver when sitting in the driver’s seat.

All fuel tanks/cells must be outside of the driving compartment.

All batteries must be outside of the driving compartment.

All two wheel drive trucks must have wheelie bars (2) located at the rearmost part of the vehicle.