

Mud Drags

Mud Rig Limitations

All Vehicles- General Safety Requirements

- **MUST BE SAFE! NO PASSENGERS ALLOWED!**
- Rigid front and rear hitching point
- Safety approved helmet, eye protection, long pants (fire suit preferred), seatbelts required
- Fire extinguishers are recommended for all classes
- No missing lug nuts, no tire chains
- No loose objects allowed in any vehicle
- Batteries must be solidly secured- No duct tape, bailing wire, or bungee cords

Note: We will try to accommodate any trucks/rails that do not fall into our classes. Any questions please call Greg at 605-484-4564. As the track official, I have a payout figured for the classes listed. If you have a group of racers in a class that is not listed that plan on attending, please contact me so I may be able to accommodate for an additional class.

A. ProModified- This class is intended for highly modified 4-wheel drive rigs allowing tube chassis that need not resemble any factory produced vehicle but must have a recognizable body.

Tires

- 45" maximum DOT approved- Sized by physical measurement
- Cutting, grooving, and paddle tires allowed

Engine

- Engine swaps allowed in any location except the rear
- No aluminum engine blocks (cast iron blocks only)
- Multiple carbs allowed
- Aftermarket fuel injection and port fuel injection allowed
- No blowers or nitrous allowed- specialty race fuels, ethanol, and methanol are allowed
- A kill switch is mandatory and must be connected to the electric fuel pump- a tether switch is mandatory
- Open headers are allowed if exiting up or down, not out the sides
- Must have barrier between driver and radiator

Body

- Body swaps allowed, must be recognizable body
- Fiberglass bodies allowed

Chassis

- Tube chassis allowed or may be factory frame rails- any width and length
- Any suspension
- Aftermarket transmissions allowed, tranny blanket required
- Must have chain guard both sides and top if chain drive
- Rigs must have drive shaft loops front and rear- loops must be made of substantial rigid construction, no chains, cables, etc.
- Must have U-joint guards

Safety

- 4 point harness- 6 point roll cage- fire extinguisher

- Must have full face helmet, 3 layer fire suit, head sock, leather boots or racing shoes, and gloves
- Window nets on driver side or wrist restraint required
- Must have harmonic shield for OEM harmonic balancer

Vehicles must meet all safety requirements.

B. Outlaw ProStock- This class is for highly modified, stock appearing, 4-wheel drive race rigs that utilize a competition chassis, race bodies, and high performance race engines.

Tires

- 46.5” maximum DOT approved- Sized by physical measurement
- Cutting and grooving allowed- No paddle tires

Engine

- Any automotive type engine acceptable
- Engine must be located with #1 spark plug no more than 12” behind the center of the front axle tube
- Big block aluminum engine blocks are not permitted. Small block aluminum blocks are allowed.
- Any type of cylinder head and intake manifold allowed
- Dual carbs allowed gas or alcohol (split Dominators allowed)
- Vacuum pumps and dry sump allowed
- Nitrous allowed

Body

- Any style jeep or truck body allowed- must be recognizable- No excessive cutting of the body. Fenders and roof must be retained if originally equipped. No narrowing of body permitted.
- Body must extend to and cover all front engine components
- A firewall and floor pan must be present protecting driver from engine and driveline components. Minimum of 16 ga. Steel or .060 (.120 recommended) aluminum required. The firewall will extend from door to door and from the floor pan to the base of the windshield. The floor pan will extend from door to door and front of cab or tub to the rear of the cab or tub. (Note: the floor pan and firewall shall be securely attached to each other and to the frame work of the chassis.)
- Center seat acceptable, must be located no more than 84” from the center of the front axle to the bottom of the seat back
- Windshield not required

Chassis

- The main frame of the chassis must be constructed of minimum 2”X3” steel or OEM frame from front to rear. Round tube can be used for additional bracing.
- Minimum 8 point roll cage required
- Any type suspension allowed
- Any style OEM or aftermarket chain or gear drive transfer set ups allowed
- Dual independent master cylinder brake system required
- Four independent wheel brakes required
- 2800 lbs big block, 2500 lbs small block
- Maximum wheelbase 130”

Safety

- Fire extinguisher
- Must have full face helmet, 3 layer fire suit, head sock, leather boots or racing shoes, and gloves
- Window nets on driver side or wrist restraint required

Vehicles must meet all safety requirements.

C. ProStock- This class is intended for rigs that have been highly modified for competition. Although these rigs can be gutted, but they must appear stock.

Tires

- 45” maximum DOT approved- Sized by physical measurement
- Cutting and grooving allowed- No paddle tires

Engine

- Engine swaps allowed but must be set in factory location
- No aluminum engine blocks (cast iron blocks only)
- Multiple carbs allowed
- Aftermarket fuel injection and port fuel injection allowed
- No blowers or nitrous allowed- specialty race fuels, ethanol, and methanol are allowed
- A kill switch is mandatory and must be connected to the electric fuel pump- a tether switch is mandatory
- Open headers are allowed if exiting up or down, not out the sides
- Front and rear mount radiators allowed but must have shielding to protect the driver in the event of a leak

Body

- Body swaps allowed
- Body may be gutted- must retain stock appearance from exterior
- Wheel wells must match factory frames +/- 2 inches
- Fender well trimming allowed to accommodate larger tires, inner fender not required
- Bedside skins only are allowed
- Must have 2 operating doors unless open bodied
- Windshields required
- Interior may be gutted- anything that can be unbolted or unscrewed may be removed (no cutting)

Chassis

- Factory frame only, must retain at least 2 original cross members and be factory width
- Four link suspension allowed
- Aftermarket suspension allowed
- Aftermarket transmissions allowed, tranny blanket required
- Must have chain guard both sides and top if chain drive
- Rigs must have drive shaft loops front and rear- loops must be made of substantial rigid construction, no chains, cables, etc.
- Must have U-joint guards
- Axle swaps allowed
- Fuel cells allowed, no fuel tanks inside driver's compartment
- 4 wheel brakes, dual master cylinder required

Safety

- 4 point harness- 4 point halo cage in cab- fire extinguisher
- Must have fire suit, pants, shirt required- if running methanol must have 3 layer fire suit, head sock, leather boots or racing shoes, and gloves
- Window nets on driver side or wrist restraint required
- SFI harmonic balancer and shield required

Vehicles must meet all safety requirements.

D. SuperStock- This class is intended for rigs that have been slightly modified for competition. They do not need to be street legal but they should appear streetable.

Tires

- Tire sizes approved by tech officials
- 37" DOT tire is the max recommended- Sized by physical measurement
- No cutting, grooving, or paddle tires- no straight tread tires

Engine

- Run engine in stock location
- Max engine size, 468 cubic inches
- Motor must pull 15" of vacuum at 800 RPM's- must have vacuum line routed to front or side of engine bay for easy access by tech personnel
- No aluminum engine blocks or aluminum heads (unless OEM)
- Roller rockers and roller cams allowed
- Carb swaps allowed, OEM fuel injection only
- No blowers, alcohol, or nitrous allowed- specialty race fuels are allowed
- Open headers are allowed if exiting up or down, not out the sides
- Front and rear mount radiators allowed but must have shielding to protect the driver in the event of a leak

Body

- Complete body required, corp. matching, make and model- body must match wheelbase
- Windshield required
- Flatbeds must meet tech approval
- Driver must sit in stock location, race seats strongly recommended
- Dash components may be removed (components only)
- Rear seats and tailgate may be removed- no gutting hoods
- Must have 2 operating doors unless open bodied
- Fender well trimming allowed to accommodate larger tires

Chassis

- Must have factory OEM unmodified frame
- Minimum 4 point roll cage required for open top vehicles
- Suspension must be stock, lift kits not to exceed 6 inches
- Factory OEM suspension, three full length leaf springs minimum allowed
- Two point traction bar allowed, must hook to the top center of the rear end and not to proceed past the front two spring hanger bolts on the rear springs
- No trans brakes, transmission modifications allowed
- Any stock transfer case

- Rigs must have drive shaft loops front and rear
- Axle swaps allowed
- Fuel cells allowed, no fuel tanks inside driver's compartment
- 4 wheel brakes, dual master cylinder required

Safety

- 4 point harness- 4 point roll cage- fire extinguisher
- Must have fire suit, pants, shirt required

Vehicles must meet all safety requirements.

E. Sportsman/ Hot Street- This class is intended for rigs that have been slightly modified for competition but still utilize mostly stock components and are capable of being made street legal.

Tires

- Tire sizes approved by tech officials
- 33" DOT tires is max recommended- Sized by physical measurement
- No cutting, grooving, or paddle tires- no straight tread tires

Engine

- Run stock engine in stock location- gasoline only- no strokers allowed
- Max engine size, 368 cubic inches
- Motor must pull 17" of vacuum at 800 RPM's- must have vacuum line routed to front or side of engine bay for easy access by tech personnel
- No aluminum engine blocks or aluminum heads (unless OEM)
- Factory intakes and fuel systems- carb swaps allowed, vacuum secondary- single pump only, OEM fuel injection only
- No blowers, alcohol, or nitrous allowed- specialty race fuels are allowed
- Headers are allowed, bottom exit only and exhaust must extend to behind the drivers seat

Body

- Complete body and interior required, corporate matching, make and model
- Windshield required
- Flatbeds must meet tech approval
- Driver must sit in stock location, race seats allowed, rear seats may be removed
- Must have 2 operating doors unless open bodied
- Hood scoops allowed- must be rear facing- no isolation trays or plumbing allowed which isolates the air cleaner from the engine compartment or to the bottom of the hood
- Front bumper required

Chassis

- Must have factory OEM unmodified frame
- Minimum 4 point roll cage required for open top vehicles
- Suspension must be stock, lift kits not to exceed 4 inches
- Factory OEM suspension, three full length leaf springs minimum allowed
- No trans brakes, must be corporate tranny
- Must be factory transfer case, corporate matching
- Axle swaps allowed
- Fuel cells allowed but factory tank must remain mounted in factory location
- 4 wheel brakes, dual master cylinder required

Vehicles must meet all safety requirements.

F. Ranch Truck/ Street Stock- This class is intended for rigs straight off the ranch or the street that have minimal modifications and are street legal.

Tires

- Tire sizes approved by tech officials
- 31" DOT tires is max recommended- Sized by physical measurement
- No cutting, grooving, or paddle tires- no straight tread tires

Engine

- Run stock engine in stock location- gasoline only- no strokers allowed
- Max engine size, 368 cubic inches
- Motor must pull 17" of vacuum at 800 RPM's- must have vacuum line routed to front or side of engine bay for easy access by tech personnel
- No aluminum engine blocks or aluminum heads (unless OEM)
- Factory intakes and fuel systems- carb swaps allowed, vacuum secondary- single pump only, OEM fuel injection only
- No blowers, alcohol, or nitrous allowed- specialty race fuels are allowed
- Headers are allowed, bottom exit only and exhaust must extend to behind the drivers seat

Body

- Complete body and interior required, corporate matching, make and model
- Windshield required
- Flatbeds must meet tech approval
- Driver must sit in stock location, race seats allowed
- Rear seats and tailgate may be removed- no gutting hoods
- Must have 2 operating doors unless open bodied
- Hood scoops allowed- must be rear facing- no isolation trays or plumbing allowed which isolates the air cleaner from the engine compartment or to the bottom of the hood
- Front bumper required

Chassis

- Must have factory OEM unmodified frame
- Minimum 4 point roll cage required for open top vehicles
- Suspension must be stock, lift kits not to exceed 4 inches
- Factory OEM suspension, three full length leaf springs minimum allowed
- No trans brakes, must be corporate tranny
- Must be factory transfer case, corporate matching
- Axle swaps allowed
- Fuel cells allowed but factory tank must remain mounted in factory location
- 4 wheel brakes, dual master cylinder required

Vehicles must meet all safety requirements.