

~~Custer County Mud Draggers~~

Rules & Classes 2011

* Indicates a Change From Previous Season

TROPHY CLASS (Trophy Payouts Only)

Tires:

- 33" or less – DOT Approved – No Cutting or Grooving

Engine & Transmission:

- Must be Corporate Matching
- * Must pull at least 19" of Vacuum at 1,000 RPM at the Intake Manifold – No Vacuum Pumps Allowed
- No After Market or Performance Blocks Allowed
- Must have Factory Production Heads – No Aluminum Heads Allowed
- Must be Naturally Aspirated (No Blowers, Super Chargers, Turbos, etc.)
- No Racing Fuel Allowed – No Nitrous or Alcohol (E-85 Allowed if Factory Flex-Fuel)
- No After Market Ignition Systems – Aftermarket Rev Limiters Allowed (No Multi-Spark Controllers)
- EFI Engines Must have Factory Programming – No Chips
- After-Market Fuel Injection Not Allowed
- * Must Have Full Exhaust to the Rear End – No Larger Than 2 ½" Pipe for Dual or 3" Pipe for Single
- Intake Manifolds must be Dual-Plain - No Air-Gap Intakes – No Cutting or Welding Manifolds
- Radiators Must be Located in Factory Position
- * Factory Equivalent Torque Converters and Shifters Only (No Stalls, Ratchet Shifters or Transmission Brakes)
- * Factory Equivalent Fuel Delivery Systems Only (Tank, Fuel Pump, Regulator – No Fuels Cells HP Fuel Pumps etc.)
- * No Solid Cams

Body & Suspension:

- Must be Corporate Matching
- Must have Both Front and Rear Bumpers
- No more than 6" Total Lift
- No Gutting – No Cutting Fenders
- Must have Full Bench Seat or Two Bucket Seats
- Must have a Factory Box or a Flatbed that covers the Same Area as a Factory Box (Flatbeds must be capable of supporting 400 lbs at any given point)
- Minimum 3-Leaf Rear Suspension
- No Suspension Conversions (Leaf Stays Leaf, Coil Stays Coil, Torsion Bar Stays Torsion Bar)

Other:

- May have No More than One of these Two:
 - Aluminum Intake
 - Headers

* POWDER PUFF TROPHY CLASS (Trophy Payouts Only)

- Any Vehicle that has been Tech Inspected to pass the Trophy Class.
- No drivers from Previous Classes

MODIFIED STOCK CLASS

Tires:

- 35" or less – DOT Approved – No Cutting or Grooving

Engine & Transmission:

- Must be Corporate Matching
- Must Pull at least 17" of Vacuum at 1,000 RPM at the Intake Manifold – No Vacuum Pumps Allowed
- No After Market or Performance Blocks Allowed
- Must have Factory Production Heads – No Aluminum Heads Allowed
- Must be Naturally Aspirated (No Blowers, Super Chargers, Turbos, etc.)
- Racing Fuel Allowed – No Nitrous or Alcohol (No E-85)
- * After-Market Ignition Systems Allowed
- After-Market Fuel Injection Not Allowed
- May Run Open Headers – No Vertical Headers Allowed
- Intake Manifolds Must be Dual-Plain - No Air-Gap Intakes – Aluminum Intakes Allowed – No Cutting or Welding Manifolds
- Transmission Brakes Not Allowed
- Radiators Must be Located in Factory Position

Body & Suspension:

- Must be Corporate Matching
- Must have Both Front and Rear Bumpers
- No more than 6" Total Lift
- No Gutting – No Cutting Fenders
- Must have Full Bench Seat or Two Bucket Seats
- Must have a Factory Box or a Flatbed that covers the same area as a Factory Box
- Minimum 3-Leaf Rear Suspension
- No Suspension Conversions (Leaf Stays Leaf, Coil Stays Coil, Torsion Bar Stays Torsion Bar)

Additional Safety:

- Rear Drive Shaft Loop and Scatter Guards Required – See General Rules for Specs

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SUPER STOCK CLASS

Tires:

- 40" or less – DOT Approved – Cutting and Grooving Allowed on Rear Tires Only

Engine & Transmission:

- Must be Corporate Matching
- Must pull at least 14" of Vacuum at 1,000 RPM at the Intake Manifold – No Vacuum Pumps Allowed
- Must be Naturally Aspirated (No Blowers, Super Chargers, Turbos, etc.)
- Racing Fuel Allowed – No Nitrous or Alcohol (No E-85)
- After Market Fuel Injection & Ignition Systems Allowed – No Remote Timing Modules
- May run Open Headers – Vertical Exit Allowed (Must Provide Remote Vacuum Line for Tech Inspection if Vertical Headers)
- Must run Single Carburetor
- Aluminum Heads Not Allowed
- Transmission Brakes Not Allowed
- Must run Transfer Case

Body & Suspension:

- * Must be Corporate Matching – Axle Swaps Allowed
- No Gutting – Trimming Fenders to Accommodate Larger Tires Allowed – Interior and Dash Removal Allowed
- All Non-Removable Body Panels & Doors Must Be In Place and Structurally Sound
- Must Have All Factory Glass – Bronco's, Blazers, etc... May Have Top Removed (Must have Protection for Rear Window)
- * Must have a Factory Box or a Flatbed that covers the same area as a factory box (No Box Skins)
- Single Race Seat Allowed
- No Body Swaps (No small Pickup with V8 unless it was factory)
- * Minimum 3-Leaf Rear Suspension
- * No Suspension Conversions (Leaf Stays Leaf, Coil Stays Coil, Torsion Bar Stays Torsion Bar)

Additional Safety:

- Rear Drive Shaft Loop and Scatter Guards Required – See General Rules for Specs
- * Roll Over Protection STRONGLY RECOMMENDED – 4 Points to the Frame

* POWDER PUFF CLASS

- Any Vehicle that has been Tech Inspected to pass the Modified Stock or Super Stock Class.
- No drivers from Previous Classes (Trophy Class Drivers Allowed)

OPEN CLASS

- Must be Safe - Tech's Decision is Final (Driveshaft Loops, Suspension etc.)
- No Nitrous or Alcohol
- Must be Naturally Aspirated (No Blowers)
- All Non-Removable Body Panels & Doors Must Be In Place
- Rear Drive Shaft Loop and Scatter Guards Required – See General Rules for Specs
- * Must Have Rear Window Protection
- * Roll Over Protection STRONGLY RECOMMENDED – 4 Points to the Frame

GENERAL RULES

- Head to Head – Double Elimination
- * Payouts will be distributed evenly across non-trophy classes (No late sign-ups or refunds)
- Top 3 Winners from Each Class may be Impounded & Tech Inspected Post Race
- All Vacuum Readings will be Taken Directly from the Intake Manifold. No Readings will be Taken from Carburetors or Base Plates
- Any Vehicle that Loses Anything (Trash, Body Panels, Drivelines, etc.) During a Race will Forfeit the Race
- Drive Shaft Loop Specs:
 - Front Driveline: One Scatter Guard on the Pinion of Front Axle
 - Rear Driveline: One Loop (1/4" x 1" Steel or 3/8" x 1-1/2" Aluminum) and Two Scatter Guards
 - Scatter Guards must be at least 1/8" steel and completely cover both yokes (full circle).
- Must be at least 16 years of age with proof of a valid drivers license

SAFETY FOR ALL CLASSES

- No Consumption of Alcoholic Beverages Allowed by Drivers Prior or During Racing – No Alcoholic Beverages Allowed on Track
- Working Fire Extinguisher Required – Must be Securely Mounted in all Classes Except Trophy Classes
- 50-foot rule (No persons or pit crew will be allowed on the starting line during races except for authorized personnel.)
- Must be Safe in General – Tech's Decision is Final
- Must Have DOT Helmet – Factory or Racing Seat Belts Must be Used
- Must Have Front and Rear Tow Hooks or Chains
- Fuel Supply and Battery Must Be Bolted or Strapped in Place
- All Brakes (Front and Rear) in Good Working Order
- Neutral/Clutch Safety Switches are required and will be checked
- No More Than 1 Passenger per Vehicle – All Passengers Must be At Least 18 Years Old and Wear Helmets and Seat Belts

For questions or the latest information about scheduled events go to: <http://www.CusterMudDrags.com>