

Department 20  
Truck Pulls  
Friday August 11, 2017  
Time 6pm



\$20.00 per Hook

1<sup>st</sup> Place \$20.00 and Trophy, 2<sup>nd</sup> \$10:00 and Trophy 3<sup>rd</sup> Place Trophy

Superintendent: Harold Smith 315-439-4211

Pit Passes will be required for anyone in the Pit Area-\$10.00

Section 1-Work Stock Diesel 4x4 trucks

- Weight 8500 lbs Maximum, with driver
1. This is a street 4 x 4 truck class available to currently licensed owners of trucks that are street legal for highway use. Registration papers are required to prove that the truck is licensed for street use. A licensed plate with a current sticker tag is required to be affixed to the truck. Registration papers and license plate and sticker tag must match. Must have a valid inspection sticker. Trucks can be hauled to the pull.
  2. Weight Class is 8500 lbs. +- No weight brackets or hanging weights allowed on front of the vehicles. Weights must be in **TRUCK BED** area only and securely fastened or contained safely in the bed. No weights allowed under hood or in the wheel wells. No weights may be suspended under the body/chassis or behind panels/parts. Lower brackets (only) for snow plow frames are permitted so long as no modifications that would add weight are determined.
  3. Turbocharger: The turbocharger is limited to small frame 2.5 inducer charger only. Turbochargers from different years in the same make MAY be interchanged. The charger bore cannot exceed 2.5" inducer. Also no map groove larger than a .250" is allowed. All chargers must be a small frame charger (s300 hx40 get 4094). 6.4 liter Power stroke engines may utilize the factory twin-turbo configuration. Failure to allow for Turbo inspection and measurement will result in immediate disqualification without a refund. Any truck disqualified for this reason will be required to undergo a complete tech inspection, including turbo measuring, prior to any further participation absolutely no refunds for any illegal turbo found after the pull.
  4. All tires must carry a D.O.T. number on the sidewall. No cut altered or sharpened tires. Trucks with dual rear wheels may enter and run in this class but tires may not extend beyond the outer edge of the factory fender well. Trucks that are factory with dual rear wheels must have a factory bed with factory fender wells. No studded tires, tire chains or any tire not specifically intended for the street use are permitted. No altered rear ends to allow for duals to be inside the fender well. (Shortened Rears).
  5. Front bumpers must be unaltered factory stock. No weighted front devices are permitted-This includes but is not limited to: homemade bumpers, brush guards and winches. Lower brackets (only) for snow plow frames are permitted so long as no modifications that would add weight are determined. An unaltered decorative brush guard may be permitted at the option of the head official. A truck is permitted to compete without a front bumper.
  6. The Hitch point will be from the rear bumper only or from a "Reese Type" hitch on a level plane with the point of attachment to the truck's frame behind the pumpkin of the rear end. No other types of hitches are permitted. Hitch point may not be more than 26" from ground. Hitch point must be horizontal-parallel to the ground. No angled, lever, pivot, axis or other types of "trick" hitches are allowed and the hitch must be stationary in all directions. The hook point must be the furthest point to the back of truck. Hook point must be past the bed of the truck if there is no bumper, or past the end of the bumper, shortening of the bed in order to shorten the hook point is not permitted. Each truck driver must supply a receiver or twisted clevis with a hooking hole a minimum of 3.75 inches across.
  7. No aluminum engine blocks are permitted unless O.E.M. No open headers will be allowed. Pump diesel is the primary fuel permitted. Absolutely no alcohol, nitrous oxide, propane or other oxygen extenders. Headers are not approved. Approved cross bolts-nearest to the charger are required if no muffler is used. No superchargers are allowed. Engine swaps between manufacturers are not permitted; Engine must have been available in 1 ton or less production truck.

8. A 2.5lbs fire extinguisher must be in the cab of the truck within reach of the driver.
9. Exhaust must exit rearward of the cab, and cross bolts are in place within the exhaust system. The cross bolts must be at least 3/8" bolts no more than 1" apart. The closer to the charger the better.
10. Suspension must have a minimum of one inch of downward movement at rear suspension. Air bags are allowed but valves must be removed or valve stem must be removed. No blocks are allowed between axle housing and truck frame that would restrict the necessary movement. Lift kits are acceptable. No solid suspensions are permitted. Traction bars are permitted. Must be bolted on bars. No welded fast bars. Brackets can be welded on frame and axle. All front suspension must be stock location and can run a 4 link in the front also. You can strap or chain the front end but if anything falls off it's a disqualification.
11. Truck must be stock in appearance. Floor in bed must be solid. The wheelbase may not be changed from original manufacturer. Wooden flatbeds are permitted with single rear wheels.
12. Transmission and transfer case must be O.E.M. and available in one ton (or smaller) pick-up trucks.
13. Driver's window must be rolled up while competing. Drivers must wear a seatbelt or shoulder harness and a motor sport type helmet when hooked to the sled. No passengers are permitted at any time.
14. Fuel injection pumps-The mechanical pump trucks must run a auto governor and you can run dual CP3 pumps in the electronic trucks that have the CP3 as a stock pump from the factory. Ford guys cab run dual HPOP also.

#### Section 2 2.6/3.0 Smooth Bore Diesel 4x4 Trucks

- Weight: 8000 lbs maximum, with driver
1. Valid driver's license mandatory
  2. FIRE SUIT required
  3. Ballast are permitted. Front hanging weights are allowed, not to exceed 60 inches forward of the center of the front axle. This will be measured from the center of the front axle. This will be measured from the center of the front wheels to the end of the weight assembly. Ballast may be added in the bed of the truck.
  4. Batteries must be securely mounted. They may not be located in the driver compartment.
  5. Body: The body must be an OEM truck body, including the full bed floor. The body must retain full sheet metal. Aftermarket hoods are permitted. The hood must be closed and securely latched while the vehicle is hooked to the sled.
  6. Brakes: One axle on the truck must have working brakes.
  7. Chassis: the OEM chassis is mandatory. The engine must be in the OEM location for the body used. THE VEHICLE MUST RETAIN THE FULL OEM GLASS. The vehicle must retain the full OEM chassis. Wheel tubs, back-half conversions, tube chassis, etc., are prohibited.
  8. Cooling System: Optional. You may also run water to air systems.
  9. Driveline: An OEM transmission and transfer case is mandatory. They must have been an option on a one ton or smaller pick up.
  10. Driver Restraint System: A minimum of the OEM restraint system is mandatory and must be worn.
  11. Driveshaft Loops: All trucks must have a minimum of six-inch wide u-joint shields around the rear u-joint constructed of at least ¼ inch steel or 3/8 inch aluminum that will safely contain the u-joint and the end of the rear shaft. All shields must be securely mounted to the vehicle. Any front shaft U Joint that is visible from the side of the truck must be shielded to contain the U Joint and the end of the shaft.
  12. Engine: The engine is limited to a stock appearing, engine and transmissions can be interchanged between Dodge, Ford and GM, as long as they came in a 1 ton truck or less from the factory. Complete engine must be stock appearance except where otherwise noted in these rules. Aftermarket intake manifolds are allowed.
  13. Nitrous Oxide and Propane are prohibited. All system components must be removed.
  14. Exhaust: All vehicles must be equipped to direct exhaust upward. (2) 3/8 inch diameter bolts must be installed through the exhaust pipe in a cross pattern within one inch of each other, WITHIN 12 INCHES OF THE TURBOCHARGER.
  15. Fire Extinguisher System: A 2.5lbs fire extinguisher is mandatory. It must be securely mounted, OEM Floor pan is mandatory.
  16. Fuel: Hand throttles are permitted. The fuel must be pump #1/#2 diesel only. Soy/Bio-diesel fuel is permitted. No Propane or NOS permitted or any other oxygen enhancers, racing fuel cells are permitted.
  17. Fuel Injection Pump: Maximum of one P7100 pump limited to one plunger per cylinder. The use of multiple high pressure common rail fuel pumps is legal. Power stroke engines with a single factory turbo may utilize a second HPOP.
  18. Harmonic Balancer: All engines turning 4500 RPM and higher must be equipped with harmonic balancer shield or damper meeting SFI Spec 18.1.
  19. Hitch: Hook point must be no closer than 44 inches of the centerline of the rear axle, hitch height maximum of 26 inches, with a minimum of a 3.75" X 3.0". Hitch point must be easily accessed. No "Trick" Type hitches are permitted. Hitch must be stationary in all directions. Hitch must be framed mounted. Hitch must be mounted center line of rear axle or behind. Hitch must not exceed a maximum of 25 degree angle from pivot point to hook point.

20. Rear End: Non-OEM rear-end housings are PROHIBITED. The rear end must have been an option on a 1-Ton or smaller truck. Rear axle bolts to be covered by a cap.
21. Safety Switch: (Rain cap or Guillotine) must shut off air to diesel motors. Switch will be securely mounted to the back of the vehicle and have a 2 inch diameter ring to attach to the sled.
22. Steering: Safely attached and properly functioning hydraulic steering is acceptable, or OEM steering.
23. Street Equipment: Complete headlight and taillight assemblies (all) are mandatory and must be operative. Complete OEM windshield and windows are mandatory. Windows must be operative that is, they must open and close via OEM electrical or mechanical means. Driver's window must be rolled up while competing. Other windows on truck may be lowered.
24. Suspension, Front: The upper mounting point for strut assemblies must be in factory location. Adjustable caster/camber pillow ball mounts are permitted. The lower control arm may be strengthened provided factory mounting points to chassis are maintained. The lower mounting point for the strut assembly may be modified for improved caster or camber. Strut tower braces, lower ties bars, sway bars and limited straps are permitted. Traction bars and devices are permitted. Block suspension is permitted.
25. Lowering or raising the vehicle height with suspension modifications is permitted. Must be bolt on only, welds permitted for attachment to frame or axle housing. Swag bars, limit straps, and camber kits permitted. Traction bars and devices are permitted, block suspension is permitted.
26. Suspension, Rear: Any OEM or solid type suspension.
27. Tires: The tires must be DOT street tires. Cut tires are prohibited.
28. Transfer Case: Non-OEM transfer cases are prohibited. It must have been an option on a one-ton or smaller pick-up truck.
29. Transmission, Automatic: Non-OEM transmissions are prohibited. Aftermarket torque converters, valve bodies and internal components are permitted. Transmission brakes are prohibited. Any non-OEM floor-mounted automatic transmission shifter must be equipped with a spring-loaded positive reverse lockout device to prevent the shifter from accidentally being put into reverse gear. A functional neutral safety switch is mandatory. All transmission lines must be metallic or high-pressure-type hose. All vehicles with engines running 4500 RPM or more and using an automatic transmission must be equipped with a transmission shield meeting SFI Spec 4.1 and must be labeled accordingly. A blanket type shield is permitted; it must be appropriately labeled as meeting SFI Spec 4.1 and it must extend from the rear of the block to the front of tail housing with a minimum six-inch overlap where it is fastened. All non-blanket type shields must incorporate (or one per manufacturer's instruction) 3/4 inch by 1/8 inch straps that bolt to the shield on each side and pass under the transmission pan unless the transmission pan is labeled as meeting SFI Spec 4.1. All vehicles with engines running 4500 RPM or more and using an automatic transmission must be equipped with a flex plate meeting SFI Spec. 29.1 and be covered by a flex plate shield meeting SFI Spec 30.1.
30. Transmission, Manual: Non-OEM transmissions are prohibited. Aftermarket internal components are permitted. A clutch meeting minimum SFI Spec, 1.1 or 1.2 is mandatory on all vehicles with engines running 4500 RPM or more and equipped with a manual transmission must have a flywheel shield labeled as meeting minimum SFI Spec 6.3 or greater. Applications for which as SFI Spec flywheel shield is not available may use a properly attached SFI4.1 or 4.2 blanket that completely covers the bell housing. It must be attached to the block and extend rearward to the transmission with a minimum six inch overlap where it is fastened.
31. Turbocharger: The vehicle is limited to a single turbocharger; the inducer bore on the compressor housing may be 2.6". The inlet will be measured using a 2.65-inch plug or internal calipers. Bushing are allowed but can't be removable. A stock map width enhancement (MWE) groove is allowed. No MWE groove will be allowed that has a width greater than .200" groove. All provisions allowing air to the wheel other than via the bore and the MWE groove prohibited. 3.0 smooth bore vehicle is limited to a single 3.0" inducer bore turbocharger. The compressor wheel must protrude into the 3.0" bore no less than 1/8". The inlet will be measured using a 3.005" plug; the plug must not be able to enter the inducer bore. MWE grooves are prohibited; the turbo inlet must be smooth bore. 6.4 liter Power stroke engines may utilize the factory twin-turbo configuration.
32. Water injection is not allowed.
33. No Nitrous or Propane will be allowed in this class.
34. Wheelbase: The vehicle must retain the original unaltered factory wheelbase and track width. Front dual-wheel spacers may be used only with accompanying positive-offset dually style wheels.

### Section 3 Work Stock 4 X 4 Gas Truck-6200 lb

#### Eco Boost 4 X 4 6200 Lb

1. All stock trucks must be State registered and insured.
2. Street legal 4x4 truck class available to currently licensed owners of gasoline-fuelled trucks that are legal for highway use. This class is designed for the local "Daily truck Driver".
3. Maximum 500 cubic inches, allowing for V-10's and 8.1"s
4. Pump gas only 93 octane max-no racing gas. Even if it's out of a pump.
5. Road legal-Licensed, Inspected, Insured, No exception.
6. No open Exhaust
7. Trucks must be OEM Stock in appearance. No alterations for weight loss purposes. Must have floor in box.

8. Trucks may be hauled to the pull.
9. Wheelbase may not be changed from original manufacturer. Wooden flatbeds are permitted. All body panels including in the inner and outer skins of the trucks bed well as the floor of truck bed must be OEM or heavier built. Fiberglass hoods and/or fiberglass hood scoops are permitted. Other design modifications to reduce weight are not permitted.
10. Officials reserve the right to determine legality of truck by various methods.
11. No weight brackets or hanging weights allowed on front of vehicles. Weights must be in the bed of the truck only and securely fastened or contained safely therein. No weights allowed under hood or in the wheel wells. No weights may be suspended under the body/chassis or behind panels/parts. No weights inside the cab.
12. Normal street legal tires are required. No dual wheels, studded tires, tire chains or any tire not specifically intended for street use are permitted. All tires must carry a DOT number on the side wall. DOT numbers must be easily read from the outside of the tire. No cut altered or sharpened tires.
13. Front bumpers must be factory stock. No weighted front devices are permitted.-This includes but is not limited to homemade bumpers, brush guards and winches. Lower brackets (only) for snow frames are permitted so long as no modifications that would add weight are determined. An unaltered decorative brush guard may be permitted at the option of the head official. A truck is allowed to compete without a front bumper.
14. A rear bumper or "Reese Style" hitch is the only acceptable type of hitch. No other types of hitches are permitted. Hitch point may not be more than 26" from ground. Hook point must be past the bed of the truck if there is no bumper, or past the end of the bumper. Shortening of the bed in order to shorten the hook point is not permitted. Each truck driver must supply a twisted clevis. The hole for hitching must accommodate a minimum of 3.75 inches above.
15. Gasoline is the only fuel permitted. Gasoline tank must be in the factory location no aluminum engine blocks are permitted unless O.E.M. No aluminum heads are permitted unless O.E.M. Absolutely no **alcohol, nitrous oxide or other oxygen extenders**. Turbo-blue and Cam-2 are not permitted. All exhaust must run through a muffler system. No open headers will be allowed. No aftermarket headers! No fender wheel or racing style headers. No superchargers or turbochargers permitted. Swaps between manufactures are not permitted.
16. Carburetors must be stock OEM. No dominator, demon, or any other racing Carburetors. All Carburetors must have Choke horns and functioning chokes.
17. Air cleaners are required. Battery must remain inside the engine compartment and must be securely fastened.
18. No solid suspensions are permitted. Tractor bars are permitted. Suspension must have a minimum of two inches of downward movement at all times. No blocks are allowed between axle housing and truck frame that would restrict the necessary two inches of movement. If a truck has airbags, the system must be disabled.
19. Transmission and transfer case must be O.E.M. and available in one ton (or smaller) trucks. Posy-traction carriers are permitted. No welded carriers are permitted. No welded carriers or spools permitted in front or rear differential.
20. Driver's window must be rolled up while competing. Other windows may be lowered. Drivers must wear a seatbelt or shoulder harness when hooked to the sled. Passengers are not permitted at any time either in the pits or on the trucks.
21. Truck may be entered /registered no more than two times with two different drivers, however only one driver will collect any trophy or prize money. This must be designated at the time of entry, Competitors can jump classless.
22. Class rules may be changed for safety issues and/or betterment of the sport

#### Section 4 Enhanced Gas 4x4 Trucks 6200 lbs

##### Eco Boost Gasm\$x4 6200 lbs

1. This is an enhanced Gas 4x4 truck class available to currently licensed owners or gasoline-fueled trucks that are legal for highway use.
2. 500 cubic inch limit.
3. Race gas allowed
4. If your truck is street legal and is built to the rules set forth herein, you can enter this class. Registration papers are required to prove that the truck is licensed for street use. A licensed plate with a current sticker tag is required to be affixed to the truck. Registration papers and license plate and sticker tag must match, where applicable, a current inspection sticker is required. Trucks may be hauled to the pull.
5. No open exhaust. Exhaust must be rearward of the vehicle.
6. You can hang weight on the front of the truck no more than 60" from center of front axle.
7. Truck must be stock in appearance. The truck should look and sound like an everyday road-use vehicle. The box must have original floor intact, truck bed floor may not be removed for weight gain purposes. The wheelbase may not be changes from original manufacturer. Wooded flatbeds are permitted. Fiberglass hoods and/or fiberglass hood scoops are permitted. Other design modifications to reduce weight are not permitted.
8. Officials reserve the right to determine legality of truck by various methods.
9. Normal street legal tires (as provided by and intended by manufacturer) are required. No dual wheels, studded tires, tire chains or any tire not specifically intended for street are permitted. All tires must carry a D.O.T. number on the side wall, DOT number must be easily read from the outside of the tire. No cut altered or sharpened tires.

10. A Truck is permitted to compete without a front bumper. The weight bar can be no more than 60" from the center of the front axle.
11. A rear bumper or "Reese Style" Hitch is the only acceptable type of hitch. No other types of hitches are permitted. Hitch point may not be more than 26" from ground. Hook point must be past bed of the truck if there is no bumper, or past the end of the bumper. Shortening of the bed in order to shorten the hook point is not permitted. Hitch must be 36% of the trucks wheelbase, measured from the center of the rear axle, to the hook point. Each truck driver must supply a twisted clevis. The hole for hitching must accommodate a minimum of 3.75 inches across. Any hitch measuring less than 36 % of the wheelbase, will not be turned away, the competitor will be asked to remove 100 lbs. of weight for each inch the hitch is short of the required measurement.
12. Gasoline of racing fuel is permitted. Gasoline tank must be in the factory location. No aluminum engine blocks are permitted unless O.E.M. No aluminum heads are permitted unless O.E.M. Absolutely no alcohol, nitrous oxide or other oxygen extenders. Headers are allowed. All exhaust must run through a muffler system. No open headers will be allowed. No open exhaust will be allowed. No fender well or racing style headers. No superchargers or turbochargers permitted. Swaps between manufacturers are not permitted.
13. Dominator, Demon, or any other race carburetors 1 single 4 barrel end EFI is allowed.
14. Air cleaners are required. Battery must remain inside the engine compartment and must be securely
15. No solid suspensions are permitted. Traction bars are permitted, Suspension must have a minimum of two inches of downward movement at all times. No blocks are allowed between axle housing and truck frame that would restrict the necessary two inches of movement. If a truck has airbags, the system must be disabled, lines must be removed or valve stem must be removed.
16. Transmission and transfer case must be OEM and available in one ton (or smaller) trucks, Posy-traction carriers are permitted. Welded carriers or spools permitted in front or rear differential.
17. Driver's window must be rolled up while competing, other windows may be lowered. Drivers must wear a seatbelt or shoulder harness when hooked to the sled. Passengers are not permitted at any time either in the pits or on the track.
18. Trucks may be entered/registered no more than one time with one driver.
19. Class rules may be changed for safety issues and /or betterment of sport.
20. For trucks with headers or aluminum intakes (No-Dart, Victor Junior) 150 lbs of weight/item will be removed at the discretion of the tech.

#### Section 5 Street Mod (Open DOT Tire Gas 4x4 Trucks-6200 lbs

1. Tires-any size DOT tire allowed. No cut, altered, sharpened tires, regardless of brand or stamping.
  2. No rear springs required.
  3. Upright headers allowed
  4. Motor placement-Back of block no closer than 9 inches to center of front axle.
  5. Radiator location behind grille in general stock location.
  6. Glass-must have factory front windshield and rear window, side windows optional. Rear and side windows may be lexan.
- Body:
1. The pickup truck must have no more than 133" wheelbase with factory steel pickup box, cab and fenders. No composite or fiberglass bodies. May use plastic box liners or custom covers securely fastened. All drive train components must be in original position on frame except transfer case. Maximum weight of competition vehicle is 6200 lbs.
  2. Front weights may not extend more than 60 inches from centerline of front axle. No loose weights allowed in cab or under hood allowed.
  3. Trucks must run full hood and be in closed position while pulling. Tilt front ends allowed. Front and rear bumpers optional.
  4. Hood scopes allowed.
  5. All pickups in a class must have grille in and in original position.
  6. If original vehicle has doors, they must open from inside and out.
  7. Front and back glass required on trucks. Driver must be visible front, back, and side. Factory tint on windows is allowed.
  8. All trucks must have a high back seat.
  9. All classes will be required to use only automotive type front and rear axle housing. Factory 1 ton or less.
  10. Trucks must have complete firewall and be securely attached while hooked. Composition must stop airflow and be fire retardant.
  11. All lift bodies must have a safety stop.
  12. Any type of 1/16" metal shield to cover all axle bolts is mandatory and they must be securely held in place.
  13. No dirt deflectors lower than fenders.
- Engine:
1. Engine cannot have a displacement larger than 600 cubic inches with a leeway of 5 cubic inches for clean-up.
  2. All engines to be naturally aspirated with a single 4 barrel carburetor with any stock configuration intake manifold. Gasoline fuel only. Electric fuel pumps allowed and any ignition may be used.
  3. Headers and open exhaust allowed.
  4. Aftermarket cast iron blocks allowed, but must be original OEM bore spacing. No aluminum blocks.

5. Four wheel drive pickups and vans only automotive type V8, V6, or V4 cylinder engines.
6. Engine must be in engine compartment. All engine components including pumps, drives, and harmonic balancers must be behind the grille, in original grille position.
7. Fuels: The Fuel may be any pump gasoline or any racing type gasoline. No fuel enhancement (nitrous oxide, alcohol, nitro propane, nitro methane, etc.
8. Fuel tank cannot be inside of cab unless factory installed in stock location. Otherwise it must be in the box or in front of the grille.
9. Fuel line must be encased in steel if inside frame rail and secured, or outside of frame rail in the clutch and transmission area.
10. All trucks must have ignition kills and must stop when kill switch pulled.
11. Engine shields; have a 1/4" steel shield 1" wide. 360 degrees around harmonic balancer wear pump may be used, SFI excluded. Must have straps 1/4" x 1" that will keep harmonic balancer from working forward.
12. Engine driven fan must have shroud 1/16" minimum 360 degrees around fan. Shroud no more than 1" from radiator and no less than 1/4" past edge of fan blades.
13. All trucks must have .060" steel or aluminum engine side shields present that extend from the bottom of the cylinder to the top of the frame rail.
14. No forms of electronic or hydraulic traction controlled allowed.

#### Drive Train:

1. Must be 1 transmission /1 transfer case or a combination of the two to be a piece. Must be factory O.E.M components.
2. Brakes must work on one axle. Front or rear.
3. All driveline brakes must be shielded 360 degrees around it with 1/8" steel or 1/4" " aluminum. The caliper may be used as part of the shield.
4. Any SFI approved clutch housing, flywheel, pressure plate, clutch disks must be used. All scatter shield bolts must be in place, the spacing of the bolts is yet to be determined.
5. Any stall converter may be used with automatic transmissions. Scatter blanket must cover 360 degrees around converter and valve body of SFI approved shield.
6. All chain driven transfer cases must have shields wider than chain and extend down to center of lower sprocket and must be made OD 1/8" steel or 1/4" aluminum.
7. Vehicles that have a shaft between the transmission and the transfer case need only 1 loop if the shaft is no more than 12" long and the loop is in the middle.
8. Loops minimum 3/4" x 1/8" or larger and not less than 6" from U-Joint or if more than 2 loops are used they must be evenly spaced. Maximum Horizontal clearance 2", maximum vertical clearance 8".
9. No cable or chain loops.
10. All drive line U-Joints are to be enclosed in 360 degrees shield 1/8" steel or 1/4" aluminum. All U-Joint covers must be a minimum of 3" wide and a maximum of 2" clearance from U-Joint. Shield should restrain any broken parts. Joint should not be visible from side, top or bottom.

#### Tires:

1. Front and rear tires must track within centerline of each other.
2. Must have DOT. Tires must have rubber compound contact between tires and ground.
3. No dual wheels or chains allowed. No studded tires allowed.
4. No directional or cut tires. Tires in question, at the discretion of all competitive members competing in said class.

#### Suspension:

1. Spring suspension is required. Solid blocking is permitted. Lit kits are acceptable.
2. Batteries must be securely mounted.

#### Hitch:

1. From the point of hitch to the centerline of the rear axle shall be no less than 36% of the wheelbase. Any hitch measuring less than 36% of the wheelbase, will not be turned away, the competitor will be asked to remove 100lbs of weight for each inch the hitch is short of the required measurement.
2. For measuring hitch distance from centerline of axle, there must be a 1" x 1" x 1/4" thick tab and vehicle will have a hitch height of 26".
3. If the pickup bed is too long it must be cut to allow the hitch to be clear and visible for hook up.
4. High point of hitch can't exceed 26" before, during. Or after the pull

#### Section 6-Open Mod 4 x 4 Trucks 6500 lbs

1. Maximum weight of competition vehicle is 6500lbs
2. Maximum cubic inch limits 650. Dual four barrel carburetors and fuel injection, or splits are allowed.

3. Any automotive type engine, must be naturally aspirated, with only two valves per cylinder and must accept a stock automotive crankshaft.
4. Rear of engine block can be no farther forward than the centerline of the front axle.
5. Maximum bore spacing allowed is 5.00"
6. Engine must be behind grill
7. Front weights may not extend more than 60 inches from centerline of front axle. No loose weights allowed in cab or under hood allowed.
8. Truck or van bodies permitted and must have competed firewall.
9. Planetary axles are permitted.
10. Tube frames are permitted.
11. Axle shields are required. Shield to be 0.60" thickness steel or aluminum. Shield not to be mounted to axle ends or hub bolts. A single hole may be cut in one to allow locking in of hubs.
12. Maximum wheelbase is 133" on all OPEN class trucks. Wheels must be centered in the wheel wells Body must be shortened or lengthened between cab and rear wheel wells, to maintain rear wheels centered in rear wheel wells.
13. Maximum tire size to be 112 inch circumference, when inflated to 30 psi with original bar, not to exceed 18 inches in width before cutting.
14. Front tow hitch will be strong enough to push, pull or pick the vehicle up. Only a 6x6 piece of steel with a minimum thickness of 1/2" and a maximum of 1.25" thickness will be allowed. A round three (3) inch hole is required in front tow hitch.
15. Clear Plexiglas or factory tint glass permitted.
16. No mud flaps or dirt deflectors will be permitted.
17. No fuel tanks, fuel lines, pressure gauges or pumps allowed in cabs. All hydraulic lines in cab must be shielded top and sides with a minimum of 0.60 aluminum.
18. All air or hydraulic suspension systems cannot have hydraulic, air, or electric lines attached during to these devices during competition.
19. Hitch height maximum is to be 26" at point of hook before, during, end after pull. Hitch must be rigid in all directions and solidly mounted. Pulling point can be no more than 1 1/2 inches from back edge of drawbar. No clevis, chains or cables are permitted in hitching device. From point of hook to centerline of rear axle shall be no less than 30% of truck wheelbase and shall not slope any greater than 33% to hitch point.
20. No hitch supports or adjusters, if fastened to the rear axle housing shall be above the center line of the rear axle. Pivot pin of drawbar can be no farther forward than centerline of the rear axle.

#### Section 7-Open Diesel 8000lbs

1. Hanging weights permitted
2. Injectables are allowed. In prpance
3. 26" hitch weight

#### Section 8-Powder Puff

Gas

Diesel

1. No Dully
2. Driver can not pull in any other class