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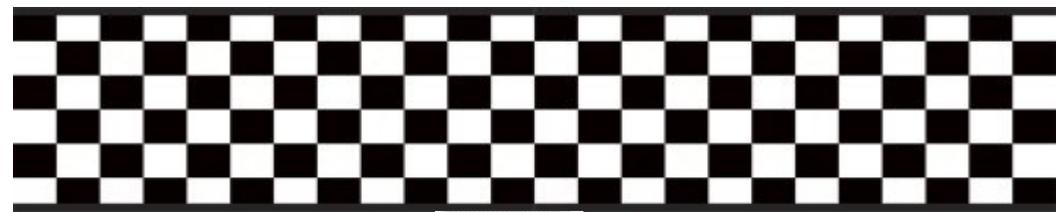
*Any questions or comments,  
please contact:*

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*Adam Shaffer 814-701-8066*

**[www.listiegrove.net](http://www.listiegrove.net)**

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**Rules and Regulations for:  
Pick-Up Trucks**

**[www.listiegrove.net](http://www.listiegrove.net)**

Updated December 2020

*Note all the change for 2021-2022 are in green*

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**2021 –2022**

## 2021 Truck Pulls

### Registration Fee

All Classes \$25.00 per hook (Driver in Free)

Registration closes 1 hour after show time

First 3 classes must be registered prior drivers meeting

### Truck Pay Out 2021

**Small Block Showroom - \$50, \$40, \$30**

**Big Block Showroom - \$50, \$40, \$30**

**2 Wheel Drive - \$50, \$40, \$30**

**Enhanced Gas - \$75, \$65, \$55, \$45, \$35**

**Small Block Street - \$75, \$65, \$55, \$45, \$35**

**Big Block Street - \$75, \$65, \$55, \$45, \$35**

**Small Block HO - \$125, \$95, \$75, \$65, \$55**

**Big Block HO - \$150, \$100, \$85, \$65, \$55**

**Open Gas \$150, \$100, \$85, \$65, \$55**

**2.55 Diesel - \$150, \$100, \$85, \$65, \$55**

**Street Diesel - \$60, \$50, \$45, \$35, \$30**

**2.6 S/C Pro Street Diesel -- \$100, \$85, \$75, \$65, \$55**

**3.0 Limited Pro Diesel- \$170, \$150, \$100, \$85, \$75**

**(Payouts may be adjusted to truck count in the class)**

## PROTEST

Protest can be made only by a contestant in the same weight class before the next weight class starts. A \$300.00 cash bond with written statement of item protested and a copy of specifications must be presented to a committee member to initiate protest. Protested truck will be impounded to a specified place for committee to do checking. Listie VFC reserves the right to impound the truck up to 24 hour after protest is made. If protested truck is legal, bond money goes to truck owner or driver. If protested truck is illegal truck will then be disqualified from pulling and penalized all accumulated points incurred. If contestant refuses to have their truck checked, they will be disqualified and not permitted to compete. Protested truck can return to the competition only after item or items are proved to be in compliance with rules. At time of teardown, owner, driver, or designate is responsible for the teardown and reassembly of protested item.

## Point System

- 30 Tires must be DOT street tires. Cut tires are prohibited. **Dual wheel must have bed set up for dual wheels. No oversize tire are permitted Maximum tire width is 285.**
- 31 The use of fad hand throttle is allowed. All throttles will have a dead man throttle that will automatically return to a closed position. Throttles will work in a forward to reverse motion, forward being open. Two springs will be required on the hand throttle & one spring on the fuel injection pump.
- 32 Non-OEM transfer cases are prohibited. It must have been an option on a 1-ton or smaller truck on-OEM transmissions are prohibited. Aftermarket torque converters, valve bodies, & internal components are permitted. Transmission brakes are prohibited. Any non-OWM 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. 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 & using an automatic transmission must be equipped with a transmission shield meeting SFI Spec 4.1 & must be labeled accordingly. A blanket-type shield is permitted; it must be appropriately labeled as meeting SFI Spec 4.1 & it must extend from the rear of the block to the front of tail housing with a minimum 6" overlap where it is fastened. All non-blanket-type shields must incorporate 2 (or one, per manufacturers instructions) 3/4" by 1/8" straps that bolt to the shield on each side & 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 & using an automatic transmission must be equipped with a flex plate meeting a minimum SFI Spec 29.1 & be covered by a flex plate shield meeting SFI Spec 30.1.
- 32 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. All manual transmissions must be clutch assisted. Sequential shifters are prohibited. All vehicles with engines running 4500RPM or more & equipped with a manual transmission must have a flywheel shield labeled as meeting minimum SFI Spec 6.3 or greater. Applications for which an SFI Spec flywheel shield is not available may use a properly attached SFI 4.1 or 4.2 blanket that completely covers the bell housing; it must be attached to the block & extend rearward to the transmission with a minimum 6" overlap where it is fastened.
- 34 The vehicle is limited to a single turbocharger; inducer bore limits: 2.5 class=2.512; c Inlet measured with plug or internal calipers. A stock map width enhancement (MWE) groove is allowed. No MWE groove will be allowed that has a width greater than 1/4". All provisions allowing air to the wheel other than via the bore & the MWE groove are prohibited. 6.4 liter Power stroke engines may utilize the factory twin-turbo configuration.
- 35 Water injection/methanol not allowed. Nitrous/Propane are prohibited.
- 36 The vehicle must retain the original unaltered factory wheelbase & track width. Hitch will be 27% of wheel base, 26" high.

1. \$20 per class to enter point system for Trucks, Western Tractors & Semi's.
2. \$10 per class to enter point system for Garden Tractors.
3. 5 points awarded for moving the sled to 75'.
4. 1st place receives 100 points, 2nd place 98 points, 3rd place 96 points down to 10th place.
5. Disorderly conduct may result in point loss from driver/vehicle.

**ANYONE** (puller, crew member or family member, spectator) who has a **complaint** will talk to a **TRACK OFFICIAL, NOT** to the **REGISTRATION STAFF!!**

**ANYONE** who complains to the registration staff **WILL BE DISQUALIFIED** for that pull and **BANNED** from the next pull.

**Safety is highly stressed!!!**

**Pull at your own risk!!!**

**Not responsible for accidents!!!**

**Positively no alcoholic beverages!!!**



## Truck General Rules (apply to every class)

1. Weight Classes. All classes require a minimum of **five pullers to do said payouts. If not payout will be adjust.**
2. **No alcoholic beverages on track or in pit area.** Any driver believed to be a potential safety hazard will be barred. Driver is responsible for their pit crew. Failure to observe rules will result in disqualification with no return of entry fee.
3. Pulling or towing vehicles must be operated in a safe manner at all times.
4. All drivers must wear a long sleeve shirt, pants & leather boots. Helmets & seat belts are recommended. No tennis shoes.
5. All weights must be securely fastened. No weights permitted in cab or under hood. No loose ballasts or bags.
6. Vehicle must start and stop on signal of track judge. No use of rear view mirrors. Pull is considered over when forward motion stops. Violators will be disqualified.
7. A 2 1/2 lb. dry powder fire extinguisher within reach of driver is required.
8. No one is allowed on track or within 25' of track except driver, track officials & judges.
9. No pit crew member permitted on track except to start vehicle & hook vehicle to sled.
10. No one other than driver permitted in pulling vehicles.
11. Vehicle must start with tight hitch. No jerking or working of clutch after pull is started. Any violation will be disqualified.
12. Vehicle & sled must remain in boundaries during pull. Any attempt to move sled is considered measurable.
13. Contestant must pull in assigned position & within 3 minutes of sled spotting. Track officials will determine position changes if necessary.
14. Entries close at the start of class.
15. First puller is considered a "test puller" & has the option to re-pull in 3rd or last position. All decisions on re-pull must be made before vehicle leaves the track with judge's approval. Any disqualification on 1st pull eliminates 2nd attempt. During pull-off, only one attempt is allowed to make a measurable pull.
16. **Judge's decision is final in all classes. Judge has option to re-pull all 1st pulls.**
17. Rain out: A session of pulling is official if 1/2 of the advertised classes are completed. A class will be considered official when 2/3 of the vehicles have pulled. Any classes not completed for any reason will be considered a rain out. Promoter will determine if a class is a rain out.
18. If vehicle has open top or roll bar, a helmet with face shield is required. All vehicles must have a windshield.
19. Electric fuel pumps allowed in all classes. DOT stock tires okay, no over-sized duals.
20. All vehicles will be in Park/Neutral while being hitched/unhitched.
21. All vehicles with state inspection will pull in one class unless otherwise permitted.
22. Arguing & unsportsmanlike conduct toward officials/staff is cause for disqualification of both vehicle & driver for that day. **All track official decisions are final.**
23. **No Nitrous or Pressurized Vessels unless otherwise stated.**
21. The fuel injection pump is limited to a stock-appearing, OEM engine make-specific pump only. Dual high-pressure common-rail fuel pumps or HPOPs are permitted.
22. All engines turning 4500 RPM & higher must be equipped with a harmonic balancer or damper meeting SFI Spec 18.1.
23. The hitch must be a receiver-style hitch; reinforcements are permitted. Reinforcements must not extend forward of the centerline of the rear axle. Any hitch attachments/bracing must be from frame down not from axle up. The hitch's height from the ground may not exceed 26" from the ground. The hooking point must be the rear-most point on the vehicle & must be rearward of the stock location of the tailgate. Hitch will be longer than 27% of the wheelbase. **Tab will be welded to center of rear axle to assist in measuring the hitch. Trick hitches prohibited.**
24. A complete interior, including dashboard, door panels, headliner, etc. is mandatory. Two matching front seats are mandatory. Aftermarket seats are permitted; they must be fully upholstered. Must have full back & head rests on seats. All factory controls (lights, signals, horn, windows, wipers, etc.) must be retained & operative.
25. 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 or shield.
26. The vehicle must retain the full, original OEM steering gear. The vehicle must retain the original OEM power steering assistance, if it was so equipped. Additional stabilizers are permitted. May use hydraulic assist but retain full operation OEM steering gear.
27. Complete headlight & taillight assemblies (all) are mandatory & must be operative. Complete OEM windshield & windows are mandatory. Windows must be operative per factory specifications; that is, they must open & close via OEM electrical of mechanical means. Drivers window must be completely rolled up while competing. Other windows on truck may be lowered
28. The factory suspension configuration must be retained. The upper mounting point for strut assemblies must be in the 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 tie bars, sway bars, & limit straps are permitted. Traction bars & devices are permitted **Laddering under the frame for strengthening is permitted.**
29. An OEM style suspension is mandatory. Traction bars & devices are permitted' they must be bolt on only, welds are permitted for attachment to frame or axle housing. Control arms may be strengthened or replaced, provided all original mounting points are retained. Strut tower braces, lower tie bars, sway bars, limit straps, & camber kits are permitted. The rear suspension may be bolted solid to eliminate travel. All rear suspensions must use at least one working shock absorber per wheel.

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## 2.55 Hot Street Diesel

Hook fee \$20.00

8,000 lbs.

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1. Ballast is permitted. Hanging weights may not extend more than 60" from the centerline of the front axle. **Tab must be welded at center of front axle to assist in measuring of weights.**
2. The batteries must be securely mounted. They may not be located in the driver compartment or forward of the radiator core support.
3. The body must be an OEM truck body. Including the full bed floor. The body & truck bed must remain full factory sheet metal. Metal aftermarket hoods are permitted. Fiberglass is prohibited. The hood must be closed & securely latched while the vehicle is hooked to the sled. The complete OEM firewall & complete OEM floor pan is mandatory.
4. Four-wheel hydraulic brakes are mandatory.
5. The OEM chassis is mandatory. The engine must be in the OEM location for the body used. The vehicle must retain the full OEM chassis. Wheel tubs, back-half conversions, tube chassis, etc., are prohibited.
6. Radiators must be in the vicinity of the stock location and be of at least stock size.
7. An OEM transmission & transfer case is mandatory. They must have been an option on a one-ton or smaller pickup. Must have blow proof bells/blankets.
8. The OEM restraint system is mandatory and must be worn.
9. All trucks must have a min. of 6" wide u-joint shields around the rear u-joint constructed of at least 1\4" steel or 3/8" aluminum that will safely contain the u-joint & the end of the rear shaft.
10. The engine block must have been available as a factory option on a one-ton or smaller pickup truck. Blocks must circulate coolant freely. Water pumps must be present, but may be powered electrically. Electric fans are permitted. Aftermarket radiator assemblies are permitted but must be securely mounted in the same area as the OEM unit. Differentials no larger than 11.5" diameter. Classes will be 2.5/2.6. No bushed blowers from 2.8-3.0.
11. Filled block are not allowed.
15. Any exhaust permitted.
16. After coolers cooled by ice are not permitted. Ice water intercoolers are not allowed.
17. Solid suspension permitted.
18. All vehicles must be equipped to direct exhaust upward including stock exhaust systems. Hood stacks are permitted. Two 3/8" diameter bolts must be installed through the exhaust pipe in a cross pattern within 1" of each other as close to the turbo as is practical. Hood stack exhaust must be at least 6" above closed position of the hood.
19. A fire extinguisher system is permitted. It must be securely mounted.
20. The fuel must be pump #1/#2 diesel only. Soy/Bio-diesel fuel is permitted. Off-road diesel fuel is prohibited. Fuel tank must be in OEM location or an approved racing type fuel cell mounted properly in the bed.
24. No vertical hitches allowed. Hitch must be accessible to be hooked/unhooked easily.
25. ***If there is a protest, it must be made by competitor of that class & be made to track officials only. Officials will decide if complaint is legitimate & if disqualification will take place.***
26. All pullers pull at their own risk.
27. All trucks must have 4" or larger back-up lights or beeper.
28. All vehicles must weigh in and pass safety inspection.
29. Track officials reserve the right to re-weigh any pulling vehicle.
30. If truck has 3 consecutive wins during pulling season, with a 10% lead from 2nd place truck, then truck must move up to next class.
31. Hitch height must be 26" to the center of the hitch.
32. ***Hitches must have a 3.75" or larger hole. If using clevis, must be twist type.***
33. Kill switches: U-Joint Shield must be 6" wide 1'4" steel or 3/8" aluminum, U-Joint shields required for the following classes: Small Block Street, Big Block Street, Small Block HO, Big Block HO, Hot Street Diesel & 2-Wheel Drive.
34. ***If a competitor arrives late, said competitor will not be allowed to compete if the class has already started.***
35. Boundary line will be 340' long to start the pull, even though a full pull may only be 320".
36. In a pull-off, each puller will hook in the order that they pulled in the original line up. No dropping of positions allowed. A floating finish will be used.
37. Rule Violation-Any 1st time violation will result in disqualification from that event. 2nd time violation for the same infraction will result in removal from that pulling season. Any puller suspended will not be allowed on the track or the pit area for the duration of the suspension. If vehicle is sold, vehicle will be allowed to pull, but the suspended party must not be involved with vehicle in any way.
38. Disqualifications-Out of bounds; any part of the vehicle touching the white boundary line while under green flag will be disqualified. Loss of weights or safety equipment under green flag. Loss of excessive fluid. Sportsman like conduct. Leaving the starting line under red flag condition. Deliberate delay of pull. Excessive arguing with officials. Intoxication of any kind.
39. Safety Switch-All vehicles required to have a kill switch. Kill switch will be securely mounted to the back of the vehicle & have a 2" diameter ring to attach to the sled. A tie strap will be used during tech to show vehicles have been teched. A 1/4" hole will be used to securely hold tie strap just above the kill switch (only if tie strap is broken, decided by head track official, will competitor be given opportunity to pull again). Kill switches on diesel motors must have: air shut off must be operated from rear of vehicle. Air shut off will consist of cap or guillotine that closes off air into the engine. The cap or guideline will be spring loaded.
40. ***First 3 classes must be registered prior to driver's meeting.***
41. ***No classes will started after midnight.***

# Truck Pulling

## CLASSES

Small Block Showroom.....	7,000 lbs.
2 Wheel Drive Trucks.....	7,500 lbs.
Small Block Street.....	6,200 lbs.
Big Block Showroom.....	7,500 lbs.
Big Block Street.....	6,500 lbs.
Enhanced Gas .....	6,500 lbs.
Small Block High Output.....	6,200 lbs.
Big Block High Output.....	6,200 lbs.
Open Gas.....	6,500 lbs.
8,000 lb. Street Diesel.....	8,000 lbs.
2.55 Street Diesel.....	8,000 lbs.
2.6 S/C Pro Street Diesel.....	8,000 lbs.
3.0 Limited Pro Diesel.....	8,000 lbs.

Note Big Block Street — if not 5 or more truck sign up per pull they will be run with Small Block Street with a 24 inch hitch height.

18. Front weights must be no more than 60” from the centerline of the front axle to forward most points and be securely fastened. No weights are allowed in the cab of the truck. If weights are located in the bed of the truck they are to be securely fastened to the bed of the truck. 1

19 Drive train will consist of the following: Any front axle, any transfer case and any rear axle. No planetariums permitted.

20. Axle shields are required. Shield to be .060” thickness steel or aluminum. Shield not to be mounted to axle ends or hub bolts. A hole may be cut in one to allow locking in of hubs.

21. No cast iron clutches or flywheels permitted, must be SFI approved. Trucks with automatic transmissions, refer to General Rules.

22. SFI bell housing blankets and/or SFI blow proof bell housing required.

23. All U-joints must be shielded 360 degrees with 3/8” thick aluminum w/1/8” steel liner or 5/16” thick steel. Shield will be 6 inches long minimum and centered on the u-joint. Inside diameter of the shield will be no more than 2 inches larger than u-joint.

24. All intermediate shafts between the transmission and transfer case will be totally enclosed in 3/8” aluminum or 5/16” steel, ¼” of shaft may be visible.

25. Fire extinguisher (2.5#) or fire suppression system, Helmets-Snell 90 or better, SFI fire suits, head sock, gloves, shoes, and seat belts required.

26. No traction control permitted.

27. All other rules may be found in General Rule sections.

**Drivers meeting 15 minutes before pull at announcers stand, EVERYONE PULLING must attend!**

**No classes will be started after midnight.**

8. Hook point must be no closer than 44" of center line of rear axle, hitch height maximum of 26", with a minimum of a 3.75" X 3.0" opening. Hitch point must be easily accessed. No "trick" type hitches permitted. Hitch must be stationary in all directions. Hitch must be frame mounted. Hitch must be mounted center line of rear axle or behind. Hitch must not exceed a maximum of 25° angle from 37 pivot point to hook point. Drawbar height adjustment link if attached to rear differential housing the attaching point must be at axle centerline or below. The drawbar adjusters cannot attach to anything above centerline of the rear axle. The adjusters must go down from drawbar. The adjusters can only go straight downward vertically or towards rear differential housing. No slotting of holes for adjuster attachment. No hitch supports or adjusters fastened to the rear axle housing shall be above the centerline of the rear axle. Pivot pin of the drawbar can be no further forward than the centerline of the rear axle.

9. The turbocharger is smooth faced intake housing, limited to a maximum of 3.0" inlet, (no map ring) with all air entering through the 3.0" opening. Intake wheel must protrude 1/8th inch inside of the opening.

10. Exhaust must exit straight up, with (2) 3/8" bolts mounted in a cross pattern no more than 1" apart as close to the turbine wheel as possible, no more than 6" away from the turbine wheel.

11. Intercoolers allowed. Dumping or draining intercoolers without a catch pan within 100 feet of the competition track is prohibited.

12. Water injection is prohibited. All components must be removed from the truck.

13. Air shut off must have a cable that goes to the rear of the truck operated by the sled operator and also one to the cab of the truck. Kill switch will be securely mounted to the back of the vehicle and have a two (2) inch diameter metallic ring to attach the sled.

14. Fuel Systems: Maximum of one P7100 pump (2 5/8"W x 9 9/16"L x 8 3/16"H main pump body), limited to one plunger per cylinder. The use of multiple high pressure common rail fuel pumps is allowed. Ford Power stroke engine may utilize a second HPOP. Electronic fuel injection is permitted. A 3-way dump valve mounted before the injection pump is mandatory which can be operated by the driver while strapped in the seat.

15. No fuel lines or tanks permitted inside of a truck cab unless securely mounted in a marine box.

16. Fuel limited to diesel fuel. No alcohol, nitrous, propane or any oxygen enhancing agents allowed.

17. Must run DOT approved tires. Maximum tire height 35", no studded tires or chains. No alteration to DOT tires 52 allowed. Dual rear wheels are permitted on the rear axle only. Maximum of 6 tires.

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## Showroom Trucks

Hook fee \$25.00

**Small Block 412 C.I. & less 7,000 lbs. / Big Block 413 C.I. & up 7,500 lbs.**

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1. Three add-ons or modifications are allowed. Add-ons being aluminum intake, headers, Holley carburetors.
2. Vehicle should look & sound like an everyday vehicle.
3. Rough idle will be considered a modification.
4. Inspection & license necessary, owners card & insurance card may be ask for.
5. Air cleaners are mandatory. Battery must be secured to truck.
6. Must pull off bumper or Reese hitch. Hitch point must be rear most part of vehicle.
7. Hitch point can be no higher than vehicle frame.
8. No heavy front bumpers or hanging weights. Snowplow rigging allowed.
9. Weights can be put securely in the bed, no weights in cab of vehicle.
10. No weights under hood. Officials may check before, during & after pull.
11. Posi-traction carriers allowed. No welded carriers or spools permitted in front or rear differential.
12. Compression ratio should be no higher than year of vehicle being pulled.
13. 10" wide rim allowed. 12" tread width allowed.
14. No use of nitrous oxide or racing fuel.
15. No suspension add-ons, helper springs or air bags. Stock springs & overloads only.
16. Driver who fails to hold position in line will forfeit their points for that class.

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## 2 Wheel Drive Trucks

Hook fee \$25.00

**7,500 lbs.**

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### Engine

1. Naturally aspirated no cubic inch limit.
2. 540 cubic inch limit on Chevy Blower Engine.
3. 557 cubic inch limit on Ford Blower Engine.
4. 540 wedge type Dodge Blower Engine.
5. 460 cubic inch limit on all diesel engines.
6. Super charge limit, no bigger than 8-71.
7. No Hemi engines allowed.

## Engine cont.

7. Limit to two 4 barrel carburetor
8. Limit to two turbo, turbo limit is 80 millimeter
9. No screw type super chargers allowed
10. Standard Helix, no Hi Helix allowed
11. Aftermarket cast & aluminum headers allowed
12. Aluminum blocks are not permitted
13. Automotive engine with only 2 valves per cylinder & must accept a stock automotive crankshaft
14. Fuel injection is allowed

## Body

1. Any type of body allowed
2. Fiberglass bodies allowed
3. Must have grills, hood, fender, must be in place as intended by manufacturer
4. Truck bed may be covered during competition
5. Must have firewall

## Brakes

1. Rear individual brakes are allowed

## Dress Code

1. **Must wear leather shoe, long pants, long sleeve shirt, Fire suit & helmet highly recommended.**

## Driver Restraint System

1. **Seatbelts are required, highly recommended to be fastened & worn during competition.**

## Safety Equipment

1. Harmonic balance shield must be in place.
2. Must cover the top & sides at least 1" below center of crankshaft.
3. Shields are to me minimum of 1/4" steel.
4. All fans must be shielded at least 180 degrees on the top half.
5. All trucks must have a 4" working neutral light.
6. Must have kill switch within 6" of the hitch with a 2" round ring.
7. All trucks will have 3 round metal loops 360 degrees, loops must be a minimum of 3/8" thick aluminum or 1/4" thick steel at least 3/4" wide or wider.
8. End loop to be placed no further than 6" from universal joints & 3 loop in center of shaft or can be a solid tube (3/8" aluminum or 1/4" steel).
9. All trucks will have 360 degree metal shield around the U joint 3/8" thick aluminum or 1/4" steel minimum width of 6".

23. OEM transmission and transfer cases must be used. Must have come factory in a one ton or smaller vehicle.

24. Non-OEM transmissions prohibited. Aftermarket torque convertors, valve bodies, and internal components are permitted.

25. SFI bell housing and/or SFI blow proof bell housing or SFI blanket type shield must be used.

26. Water injection is prohibited. 2. Air to air intercooler only. No ice or water permitted truck during competition.

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## 3.0 Limited Pro Diesel

**Hook Fee \$30.00**

**8,000 lb.**

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1. Maximum weight 8000lbs. (Dry weight 7900# for ice allowance at scales.)
2. The OEM chassis is mandatory. The vehicle must retain a full ¾ or 1-ton size chassis. Wheel tubs, back-half conversions, tube chassis prohibited. Maximum wheelbase 158" and 102" maximum width. (outside tire to outside tire). Rigid suspension allowed. Hydraulic steering permitted. (Intent= no Isuzu or compact diesel chassis)
3. The body must be an OEM truck body, including full metallic floor pan and must retain complete OEM firewall. Beds must be covered. No flatbeds permitted. The body must retain full metal, aftermarket steel hoods are permitted. The must be closed and securely latched while hooked to the sled.
4. Maximum engine size will be 460 cubic inch. Engines must come from the factory in one ton or smaller diesel pickup trucks. Engine must remain in stock location as intended by the manufacturer. Engines may be interchanged between manufacturers. a. No aftermarket blocks permitted b. Head must be an OEM or OEM one piece cast replica for that brand engine. No billet heads of any material. Outside dimensions of cylinder head must measure factory width and length. Head must retain OEM valve angle.
5. Front of the engine block can be no further forward than 17" of the centerline of the front axle.
6. Engine must have a cable surrounding the block and head. Cable must be minimum 3/8" diameter located between cylinders #1 and #2. Cable must pass thru manifolds. Cable will have 4-6" of slack with a minimum of 4 cable clamps at splice.
7. All engines will have a deflection shield, running the complete length of the block casting. Shield must be securely fastened and must be .060" thick. (This equates to a steel inner fender)

8. All vehicles must be equipped with upward pointing exhaust located either directly behind the cab or out of the truck hood. Two 3/8 inch diameter bolts must be placed through the exhaust pipe in a cross pattern within one inch of each other and within 12 inches of turbo.

9. Front hanging weights are allowed, not to exceed 60 inches forward from the centerline of the front axle. Ballast may be added in the bed of the truck but must be securely fastened. 61 Maximum weight 8000 pounds.

10. All trucks must have at least a six-inch-wide u-joint shield around the rear u-joint constructed of at least 5/16-inch steel or 3/8 aluminum that will safely contain the u-joint and the end of the driveshaft. All shields must be securely mounted to vehicles. Any front shaft u-joints that can be visibly seen from the side of the truck must be shielded to contain the u-joint and the end of the driveshaft.

11. A fire extinguisher system is permitted. 2.5# The fire extinguisher must be securely mounted within reach of the driver. A complete OEM firewall is required.

12. All drivers must have a valid driver license and full SFI fire suit including helmet. Seat Belt/restraint must be worn.

13. The complete OEM floor pan is mandatory. Vehicle must maintain a complete firewall. Additional gauges and pillar pods are permitted.

14. Hand throttles permitted. Diesel fuel only (See fuels page for specs) No propane or N02 or any other oxygen enhancers allowed.

15. Maximum of one P pump up to P7100 allowed. 13MM plunger limit. Ag governors permitted. The use of multiple high pressure common rail fuel pumps is legal.

16. OEM rear and front ends required. Must have come factory in a one ton or smaller vehicle.

17. Axle shields are required. Shield to be .060" thickness steel or aluminum. A hole may be cut in one shield to allow operation of hub lock.

18. Safety switches (rain cap or guillotine) must shut off air to diesel engines. Switch will be securely mounted to the back of the vehicle. A 2 inch or bigger solid ring must be attached to the end of the switch. Ring must be zip tied to the switch bracket. Switch must also be able to be activated in the cab while the driver is secured in the vehicle.

19. Hydraulic steering permitted

20. Suspension - The upper mounting point for strut 62 assembly must be in factory location. Adjustable caster/ camber pillow ball mounts are permitted. The lower control arm may be strengthened provided the factory mounting points are maintained. Strut tower braces, lower tie bars, sway bars, and limit straps are permitted. Traction bars and devices are permitted. Raising or lowering of vehicle height with suspension modifications is permitted but must be bolt on only. Welds permitted for attachment to frame and axle only. Blocked suspension permitted. No air-bags. Rear suspension may be made solid.

21. Tires must be DOT approved with a maximum size of 35x12.50. No studded tires or tire chains. No alterations to tires permitted. No bar or terra tires.

22. Dual wheels are prohibited.

### **Differential**

1. Any size of differential.
2. individual rear brake allowed.
3. Hub cover is highly recommended.
4. Cover doesn't have to be solid but must contain parts should breakage occurs.
5. Cannot exceed 96" wide.

### **Fuel**

1. Gasoline.
2. No oxygen accelerators.
3. # 2 diesel fuel.
4. No fuel tanks or lines in cab unless factory installed.
5. Nitrous is allowed.

### **Ballast**

1. Hanging weights allowed.
2. Front weight may not exceed 18" in front of grill.
3. Weights are permitted in the bed, must be secured.
4. No weight in cab.

### **Suspension—Chassis**

1. Front suspension must move up & down.
2. Rear suspension may be solid.
3. Chassis use cannot be heavier than 1 ton.

### **Steering**

1. Any type of steering permitted.

### **Tires**

1. Paddle tires are permitted.
2. Any type of wheel is allowed.

## Clutch

1. Slipper clutch allowed.
2. If not a slipper clutch, must have blow proof bell housing with standard shift transmission.
3. Automatic transmission must be covered 360 degrees from back of engine block to the tail shaft bolts.

## Exhaust

1. Any type of exhaust.
2. Headers coming out of the hood must have 2 3/8" cross bolts in the cooler spaces, 1" apart or screen out top of pipe.
3. 3" diameter or smaller pipe.

## Fire Extinguisher

1. All vehicles must have 2 1/2 lb. dry chemical or 1 lb. Halona extinguisher.
2. Must be in working condition and secured within easy reach of driver.

## Hitch

1. Drawbar hitch is allowed.
2. Hitch height no more than 30".
3. Hitch no shorter than 27% and no longer than 36% of wheel base.
4. Hitch must be solid in all directions.
5. Hitch must have 3.75"x30" opening.

7. No solid suspensions are permitted. Suspension must have a minimum of 2" of movement at all times. No locks are allowed between axle housing and truck frame that would restrict the necessary 2" of movement. Lift kits are acceptable.
8. Truck must be stock in appearance. Floor in bed must be solid. The wheelbase must not be changed from original manufacturer. Wooden flatbeds are permitted.
9. The transmission and transfer case must be OEM and available in one ton (or smaller) pick-up trucks.
10. It is highly recommended driver wear helmet when pulling.

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## 2.6 Smooth Bore Pro Street Diesel

**Hook fee \$25.00**

**8,000 lbs.**

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1. Maximum weight 8,000 lb.

2. OEM Chassis is mandatory. The vehicle must retain the full OEM chassis. Wheel tubs, back half conversions and tube chassis are prohibited. Lengthening of frame allowed up to 158". Longer trucks (158"-172") must maintain OEM measurements for the body being used.

3.. The body must be an OEM truck body including the full bed floor. No flatbeds permitted. The body must retain the full sheet metal. Aftermarket hoods permitted. The hood must be closed and securely latched when hooked to sled.

4. Maximum cubic inch 460. Engine must be in OEM locations for the body used. No aftermarket blocks permitted. Engine must have 3/8 cable surrounding #1 and #2 cylinders and must pass through the manifolds. 2 cables 60 at splice with 4-6 inches of slack.

5. Cylinder head must be an OEM or OEM replica for a brand of engine. Outside of the cylinder head must measure factory width and length. No billet heads of any material. Head must retain factory OEM valve angle. No deck plates permitted. Side draft and aftermarket intake manifolds are allowed.

6. Hook point to be no closer than 44" of centerline of rear axle. Maximum hitch height of 24" with a minimum of 3.75"x3" opening. Hitch must be stationary in all directions. Hitch must be frame mounted. The use of Reese style hitches is prohibited. Hitch must be the centerline of the rear axle or behind. Hitch must not exceed 25 degree angle from pivot point to hook point. Drawbar height adjustment link if attached to rear differential housing the attaching point must be at axle centerline or below. The drawbar adjusters cannot attach to anything above the centerline of the rear axle. The adjusters must go down from the drawbar. The adjusters can only go straight downward vertically or towards rear differential housing. No slotting of holes for adjuster attachment. No hitch supports or adjusters fastened to rear axle housing shall be above the center point of the rear axle. Pivot pin of the drawbar can be no further forward than the centerline of the rear axle.

7. Turbo is limited to a 2.6" inducer bore. Bore must be smooth. No MAP Width Enhancement groove (MWE) allowed. Compressor wheel must protrude into 2.6" bore for 1/8". Bore will be checked with a 2.605" turbo plug. Plug must not be able to enter the inducer bore and contact wheel.

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## Street Diesel 4x4

Hook fee \$25.00

8,000 lbs.

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## Notes

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1. This is an open street legal 4x4 truck class available to owners of trucks that are legal for highway use. If your truck is street legal and is built to the rules set forth herein, you can enter this class. Your registration papers are required to prove that the truck is licensed for street use in the state where licensed. A license plate with a current tag is required to be affixed to the truck. Registration paper, license plate and tag must match. Trucks may be hauled to the pull.
2. Motor changes that increase horsepower over and above the factory rated horsepower or that increase RPMs over and above the factory rated range will be limited to changing of chips, air intake system (K&N and others) and CAT back systems only. Only OEM injection pumps allowed.
3. No studded tires, tire chains, or any tire not specifically intended for street use are permitted. All tires must carry a DOT number on the sidewall. No cut, altered, or sharpened tires. Trucks with dual rear wheels (2wd or 4wd) may enter and run in this class. Tire width 12" total tread.
4. Front bumpers must be unaltered if factory stock. No hanging weighted front devices are permitted but homemade bumpers, brush guards, and winch brackets and brackets for snow plow frames are permitted so long as no modifications that would add weight are determined. Homemade bumpers and brush guards must be hollow. A truck is permitted to compete without any front bumper.
5. 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 trucks frame behind the pumpkin of the rear end. No other types of hitches are permitted. 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 the truck. Hook point must be past the bed of the truck if there is no bumper, or past the end of the bumper. Each truck driver must supply a twisted clevis that will accommodate a minimum of 3.5" across the opening to accept sled hook. **Hitch height will be determined by turbo size. (Stock turbo, 26" hitch height, 8,000 lb.) (2x6 turbo, 24" hitch, 8,000 lb.) (2x8 turbo, 22" hitch, 7,800 lb.)**
6. No aluminum engine blocks are permitted unless OEM. No open headers will be allowed. Pump diesel is the only fuel permitted. Absolutely no alcohol, nitrous oxide propane or other oxygen extenders. Headers are approved. Cross bolts-PPL Specs-(nearest to the charger) are required if no muffler is used. No superchargers are allowed. Exhaust may not exit to the side of the vehicles (towards the grandstand area). Engine swaps between manufacturers are not permitted. Duallies using gasoline as fuel may enter this class. Street legal gasoline trucks (unable to make weight for the 6200 lb. class) may enter with permission of officials.

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## Enhanced Gas

Hook fee \$25.00

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## Notes

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### Engine

1. 500 cubic inch limited.
2. Factory style engine block only.
3. Aluminum head permitted on small block and big block.
4. Aluminum block permitted.
5. Aluminum intake permitted.
6. Fuel injection is permitted, must be OEM.
7. No rams or cross rams allowed.
8. No dry sump systems.
9. Block must flow coolant freely.
10. Must have water pump, may be electric.
11. All factory belt-drawn accessories must be retained & powered via crankshaft w/OEM belt.
12. Electric fan is permitted.
13. Aftermarket cast iron block, intakes are permitted.
14. Engine driven fans require 360 degree metal shielding.
15. No pro stock style heads including Hemi & EX 514.
16. Aftermarket radiators are permitted but must be in OEM location.
17. Blow proof harmonic balancer or 360 shield highly recommended.

### Body

1. All Body panels must be OEM.
2. Must have complete floor pan & fire wall.
3. Must have all windows present & in working condition.
4. Must have all OEM lights.
5. Must be able to pass PA inspection.

### Interior

1. Must have all interior panels.
2. Must have dashboard.
3. Seat may be changed.

### Brakes

1. Must have 4 wheel working brake.
2. Must have working emergency brake.
3. Must have working brake lights.

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# Open Gas

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## Drive Restraint System

1. Seatbelts are required & recommended to be fastened & worn during competition.

## Safety Equipment

1. All trucks must have working kill switch, 6" off center & 24" above hitch point.
2. All trucks must have 3 round metal loops shielding each drive shaft 360 degree loop must be a minimum of 3/8" thick aluminum or 1/4" thick steel, 3/4" wide or wider & not more than 2" from the shaft in any direction. End loops to be placed no further than 6" from U joint with third loop in center of shaft.
3. All trucks will have a 360 degree metal shield around the UV joints, 3/8 thick aluminum or 1/4" thick steel, minimum width 6".

## Differential

1. Posi or weld front end allowed.
2. Hub cover highly recommended.

## General Rules

1. All General Rules Apply!

## Dress Code

1. Long pants, shirt, leather shoe or boot.
2. DOT helmet, must be worn and fastened.

## Exhaust

1. May run mufflers.
2. Exhaust must clear the rear of the cab.
3. 3" diameter or smaller pipe.
4. Headers are permitted.

## Fire Extinguisher

1. All vehicles must have a 2 1/2" dry chemical or 1 lb. halo extinguisher.
2. Must be in working condition & secured within reach of driver.

## Inspection

1. All general rules apply, we reserve the right to inspect the vehicle or cubic inch at any time.

## Hitch

1. Must be a receiver style hitch, reinforcement is permitted but must not extend forward of centerline of rear axle or the axle housing itself.
2. No drawbar or trick hitches allowed.
3. Hitch must be ridge in all directions.
4. Hook point must be the rear most point on vehicle & be rearward of the stock location of tailgate.
5. Rear bumper may be notched or removed.
6. Hitch height may not exceed 26" high & hole in hitch must be 3.75" x 3.0" opening.

## Suspension & Chassis

1. Must retain the factory frame & wheel base length.
2. Driveline components must have been available from factory in 1-ton truck or less.
3. Rear suspension may be blocked with removable block.
4. Suspension must have at least 1" travel.
5. Air bags allowed, no on board compressors.
6. Must have OEM steering box & power steering assistance.

## Tires

1. Must be street legal with DOT numbers on sidewall.
2. No cut tires, no duals, or chains.
3. Max tire size 35" high x 12.50" wide.
4. Wheels not to exceed tire width.

## Clutch

1. Slipper clutch allowed.
2. If no slipper clutch, must have blow-proof bell and blow-proof blanket.
3. Automatic clutch must have full blanket.

## Driver Restraint System

1. **Seatbelts are required & recommended to be fastened & worn during competition.**

## Safety Equipment

1. All trucks must have working kill switch, 6" off center & 24" above hitch point.
2. All trucks must have a 360 degree shield around U joint 3/8" thick aluminum or 1/4" thick steel, minimum width of 6".
3. All trucks must have a minimum of one shaft loop in the middle of drive shaft, 3/8" thick aluminum or 1/4" thick steel & at least 1" wide.
4. Can't be any bigger than 1 ton driveline.
5. Hub cover are highly recommended doesn't have to be solid but must contain parts if break occurs.

## Fuel

1. Gasoline only.
2. **No nitro.**
3. No fuel additives.
4. No alcohol.
5. No propane.

## Ballast

1. No hanging weights are allowed.
2. Weight may be in bed & secured.
3. No weights allowed in cab.
4. Hidden weights are permitted.
5. No loose objects in the vehicle, all objects must be secured.
6. **Weight can not be no lower than bottom of frame rail.**

## Fire Extinguisher

1. All vehicles must have a 2 1/2" dry chemical or 1 lb. halon extinguisher.
2. Must be fully charged, in working condition & secured within reach of driver.

## Hitch

1. Must be rigged in all directions Hitch mounting point must not be no more than 2" above the frame rail.
2. No bolts in hitches, must be forged pin.
3. From point of hook to centerline of rear axle shall be no less than 27% if wheel base.
4. Hitch height may not exceed 26" high & hole in hitch must be 3.75" x 3.0" opening.
5. **Tab must be welded at center of rear end to assist in measuring percentage of wheel base to hook point.**

## Suspension

1. NO higher than 1 ton drive line.
2. OEM frame rail only permitted.
3. Suspension may be block or solid.
4. All air or hydraulic suspension systems cannot have hydraulic, air or electric lines attached to these devices during competition.
5. Max width of truck is 102".

## Tires

1. Any size DOT tire approved.
2. **Must have factory tire size stamp for verification , If size is removed they will be considered illegal.**
3. No bar tires or dual tires .No studded tires, chains, or any altered tires.

## Transfer Case

1. drop box are allowed.
2. Any transfer case will be allowed.

## Ballast

1. Front weight bracket can't extend more than 60" from the center of the front axle.
2. **Tab must be welded on center of front axle for measuring of weight box.**
3. Weights can't exceed the width of the vehicle . No weight allowed in cab.
4. All weight or ballast must be securely fastened.

## Transmission

1. Blow proof bell housing on truck with standard shift transmission or blow proof blanket on automatic transmission are required.
2. Automatic transmission must be covered 360 degrees from back of engine block to the tail shaft bolts.

**Open Gas**  
**Hook fee \$25.00**  
**6500 lb.**

**Engine**

1. No cubic inch limit.
2. Any aluminum cylinder head permitted.
3. Aluminum block permitted.
4. Single naturally aspirated cabs only with no split or tunnel rams allowed.
5. Any make engine allowed with any make body.
6. Rear of block must be 12" behind the center of front axle tube.
7. All fans must be shrouded at least 180 degrees on top.
8. One 4 barrel carb max.
9. Blow proof harmonic balancer or 360 shield highly recommended.

**Battery**

Batteries are not allowed in cab, unless factory installed.

**Body**

1. Vehicle must retain original factory wheel base.
2. Sheet metal must conform to wheel base.
3. Fiberglass body permitted.
4. Must have a firewall, bed floor can be removed. If floor remove must have bed cover.
5. No mud flaps or dirt deflector.
6. All trucks must have 4" or larger back up lights of beeper.

**Brakes**

1. Must have front working brakes.

**Dress Code**

1. DOT helmet to be worn and fastened.
2. Leather shoes, pants, & shirt, fire suits are highly recommended.

**Exhaust**

1. Headers permitted.
2. Header throw hood must have 3/8 cross bolts after the collector or screen out the outlet.
3. Open exhaust is permitted.

**Fuel**

1. No fuel tanks or fuel lines in cab. Tanks may be mounted on front weight box.
2. Gasoline/ Race Fuel Only. No alcohol or Nitrous allowed.
3. No oxygen accelerators.

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**Big Block Street**  
**Hook fee \$25.00**  
**6,500 lb.**

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**Engine**

1. 413 cubic inch & up.
2. Fuel injection must be OEM, no aftermarket.
3. Any ignition can be used.
4. Factory high performance heads, cast iron aftermarket or OEM aluminum heads are allowed.
5. Aftermarket exhaust manifolds are allowed.
6. Dual plane intake permitted, aluminum or cast.
7. No single plane intakes are allowed.
8. Fan should be at least 180 degrees on the top.
9. No dominator carburetors.
10. Add on or modifications allowed, headers, cam shaft, aluminum intake, carb hi-pro heads.
11. Cubic inch can be checked at any time.
12. Aluminum block allowed, if OEM.
13. Blow-proof harmonic balancer or 360 shield highly recommended.

**Battery**

1. Battery must be in OEM location

**Body**

1. Must have OEM intended by manufacturer with body, hood, fenders, & bed with floor.
2. Flatbeds are allowed.
3. No frame alterations lengthening or shortening.
4. Can use high raise hood for looks only.
5. Must have all working lights, turn signals, & wipers.
6. Truck must be able to pass PA inspection.

**Interior**

1. Must have all interior panels.
2. Must have dashboard.
3. Seat may be changed.
4. Must have working heater.

**Brakes**

1. Must have 4 wheel working brake.
2. Must have working emergency brake.
3. Must have working brake lights.

## Dress Code

1. Long pants, shirt, leather shoe.
2. DOT helmet, Highly recommended.

## Exhaust

1. Must run mufflers.
2. Exhaust must clear the rear of the cab.
3. 3" diameter or smaller pipe.
4. Headers are allowed but will be considered an add-on.

## Fire Extinguisher

1. All vehicles must have a 2 1/2" dry chemical or 1 lb. halo extinguisher.
2. Must be in working condition & secured within reach of driver.

## Inspection

1. All general rules apply, we reserve the right to inspect the vehicle or cubic inch at any time.

## Hitch

1. Point of break to center of axle must be at least 36% of vehicle wheel base.
2. Drawbar or pulling hitches allowed.
3. Hitch height may not exceed 26" high & hole in hitch must be 3.75" x 3.0" opening.

## Suspension

1. Must have OEM suspension.
2. No solid suspension of any kind.
3. Can be pinned or blocked & must have travel to be solid.
4. Lift kits are allowed.
5. Traction bar's are allowed with only 2 attachment points only.

## Steering

1. Must have OEM steering column.
2. Must have stock steering box & be operational.
3. Electric pump with hydraulic cylinder for steering assisting is permitted.

## Tires

1. Must be street legal with DOT numbers on sidewall.
2. No cut tires, no studs, wrangler style, or chains.
3. Max tire size 12.5" tread width x 10" rims by 35" high.
4. Rear tire must track 50% over the path of front tires.

## Transfer Case

1. Must be OEM no larger than 1 ton.
2. No aftermarket or drop box allowed.

## Tires

1. Must be DOT approved 35" x 12.50", or 315 x75 Metric tire size.
2. Must have factory tire size stamped for verification. If size is remove they will be considered illegal.
3. No studded tires, chains, or any altered tires.
4. No bar tires or dual tires. No studded tire ,chains or altered tires.

## Transfer Case

1. No drop box allowed.

## Fuel

1. No fuel tanks or fuel lines in cab. Tanks may be mounted on front weight box.
2. Gasoline / Race Fuel Only . No alcohol allowed or Nitrous allowed.
3. No oxygen accelerators.

## Ballast

1. Front weight bracket can't extend more than 195" from the center of the rear axle. Weight may not extend more than 60" from the centerline of front axle .Tab must be welded on center of front axle for measuring front weight.
2. Weights can't exceed the width of the vehicle. No weight allowed in cab.
3. All weight or ballast must be securely fastened.

## Transmission

1. Blow proof bell housing on truck with standard shift transmission or blow proof blanket on automatic transmission are required.
2. Automatic transmission must be covered 360 degrees from back of engine block to the tail shaft bolts.

## Driver Restraint System

1. Seatbelts are required & recommended to be fastened & worn during competition.

## Safety Equipment

1. All trucks must have working kill switch, 6" off center & 24" above hitch point.
2. All trucks must have 3 round metal loops shielding each drive shaft 360 degree loop must be a minimum of 3/8" thick aluminum or 1/4" thick steel, 3/4" wide or wider & not more than 2" from the shaft in any direction. End loops to be placed no further than 6" from U joint with third loop in center of shaft.
3. All trucks will have a 360 degree metal shield around the UV joints, 3/4" thick aluminum or 1/4" thick steel, minimum width 6".

## Differential

1. Posi or weld front end allowed.
2. Hub cover highly recommended.
3. No Traction control devices allowed.

## Body

1. Vehicle must retain original factory wheel base.
2. Sheet metal must conform to wheel base
3. Fiberglass body permitted.
4. Must have a firewall. **Bed floor can be remove. If remove floor remove must have bed cover.**
5. No mud flaps or dirt deflector.

## Brakes

1. Must have front working brakes.

## Dress Code

1. **DOT helmet to be worn and fastened.**
2. **Leather shoes, pants, & shirt, fire suits are highly recommended.**

## Exhaust

1. Headers permitted.
2. Header throw hood must have 3/8 cross bolts after the collector or screen out the outlet.
3. Open exhaust is permitted.

## Fire Extinguisher

1. All vehicles must have a 2 1/2" dry chemical or 1 lb. halon extinguisher.
2. Must be fully charged, in working condition & secured within reach of driver.

## Hitch

1. Must be rigged in all directions. Hitch mounting point must not be more than 2" above frame rail.
2. No bolts in hitches, must be forged pin.
3. From point of hook to centerline of rear axle shall be no less than 27% if wheel base.
4. Hitch height may not exceed 26" high & hole in hitch must be 3.75" x 3.0" opening.
5. **Tab must be welded at center of rear end to assist in measuring percentage of wheel base to hook point.**

## Suspension

1. NO larger than 1 ton drive line.
2. OEM frame rail only permitted.
3. Suspension may be block or solid.
4. All air or hydraulic suspension systems cannot have hydraulic, air or electric lines attached to these devices during competition.
5. Max width of truck is 102".

## Clutch

1. Slipper clutch allowed.
2. If no slipper clutch, must have blow-proof bell and blow-proof blanket.
3. Automatic clutch must have full blanket.

## Fuel

1. Gasoline only.
2. **No nitrous oxide or any combustibile accelerant.**
3. No alcohol.
4. No propane.
5. Fuel tank must be OEM location.

## Ballast

1. Heavy front bumper allowed.
2. Hanging weight allowed, must be 12" to front of weight to grille.
3. Weights must be in box and can't be seen & securely fastened.
4. No weights allowed in cab.

## Driver Restraint System

1. **Seatbelts are required & to be fastened & worn during competition.**

## Safety Equipment

1. All trucks must have working kill switch, 6" off center & 24" above hitch point.
2. All trucks must have a 360 degree shield around U joint 3/8" thick aluminum or 1/4" thick steel, minimum width of 6".
3. All trucks must have a minimum of one shaft loop in the middle of drive shaft, 3/8" thick aluminum or 1/4" thick steel & at least 1" wide.
4. Must have working back up light or beeper.

## Differential

1. Can't be any longer in 1-ton, must be in OEM location, hub cover highly recommended.

## Add-on

1. Only 4 add-on's are allowed.

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## Small Block Street

Hook fee \$25.00

6,200 lb.

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### Engine

1. 412 cubic inch or less.
2. Fuel injection must be OEM, no aftermarket.
3. Any ignition can be used.
4. Factory high performance heads, cast iron aftermarket or OEM aluminum heads are allowed.
5. Aftermarket exhaust manifolds are allowed.
6. Dual plane intake permitted, aluminum or cast.
7. No single plane intakes are allowed.
8. Fan should be at least 180 degrees on the top.
9. No dominator carburetors.
10. Add on or modifications allowed, headers, cam shaft, aluminum intake, carb hi-pro heads.
11. Cubic inch can be checked at any time.
12. Aluminum block allowed, if OEM.
13. Blow-proof harmonic balancer or 360 shield highly recommended.

### Battery

1. Battery must be in OEM location.

### Body

1. Must have OEM intended by manufacturer with body, hood, fenders, & bed with floor.
2. Flatbeds are allowed.
3. No frame alterations lengthening or shortening.
4. Can use cal induction hood for looks only.
5. Must have all working lights, turn signals, & wipers.
6. Truck must be able to pass PA inspection.

### Interior

1. Must have all factory interior panels & dashboard.
2. Seat may be changed.
3. Must have working heater.

### Brakes

1. Must have 4 wheel working brake
2. Must have working emergency brake
3. Must have working brake lights

## Driver Restraint System

1. Seatbelts are required & recommended to be fastened & worn during competition.

### Safety Equipment

1. All trucks must have working kill switch, 6" off center & 24" above hitch point.
2. All trucks must have 3 round metal loops shielding each drive shaft 360 degree loop must be a minimum of 3/8" thick aluminum or 1/4" thick steel, 3/4" wide or wider & not more than 2" from the shaft in any direction. End loops to be placed no further than 6" from U joint with third loop in center of shaft.
3. All trucks will have a 360 degree metal shield around the UV joints, 3/8" thick aluminum or 1/4" thick steel, minimum width 6".

### Differential

1. Posy or weld front end allowed.
  2. Hub cover highly recommended.
  3. No Traction Control devices allowed.
- 

## Small Block HO ( Appalachian Outlaws)

Hook fee \$25.00

6,200 lb.

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### Engine

1. 440 cubic inch limit ( Engine must be cubic inch check and seal. With a 2% variance).
2. Any aluminum cylinder head permitted.
3. Aluminum block permitted.
4. Single naturally aspirated cabs only with no split or tunnel rams allowed.
5. Any make engine allowed with any make body.
6. Rear of block must be 12" behind the center of front axle tube.
7. All fans must be shrouded at least 180 degrees on top.
8. One 4 barrel carb max.
9. Blow proof harmonic balancer or 360 shield highly recommended.

### Battery

1. Batteries are not allowed in cab, unless factory installed.

## Fire Extinguisher

1. All vehicles must have a 2 1/2” dry chemical or 1 lb. halo extinguisher.
2. Must be fully charged, in working condition & secured within reach of driver.

## Hitch

1. Must be rigged in all directions Hitch mounting point must not be no more than 2”above the frame rail.
2. No bolts in hitches, must be forged pin.
3. From point of hook to centerline of rear axle shall be no less than 27% if wheel base.
4. Hitch height may not exceed 26” high & hole in hitch must be 3.75” x 3.0” opening.
5. Tab must be welded at center of rear end to assist in measuring percentage of wheel base to hook point.

## Suspension

1. NO higher than 1 ton drive line.
2. OEM frame rail only permitted.
3. Suspension may be block or solid.
4. All air or hydraulic suspension systems cannot have hydraulic, air or electric lines attached to these devices during competition.
5. Max width of truck is 102”.

## Tires

1. Must be DOT approved 35” x 12.50”, or 315 x 75 Metric tire size.
2. Must have factory tire size stamp for verification , If size is removed they will be considered illegal.
1. No bar tires or dual tires .No studded tires, chains, or any altered tires.

## Transfer Case

1. No drop box allowed.

## Fuel

1. No fuel tanks or fuel lines in cab. Tanks may be mounted on front weight box.
2. Gasoline/ Race Fuel Only. No alcohol or Nitrous allowed.
3. No oxygen accelerators.

## Ballast

1. Front weight bracket can’t extend more than 195” from the center of the rear axle . Weight may not extend more than 60” from the centerline of front axle Tab must be welded on center of front axle for measuring.
2. Weights can’t exceed the width of the vehicle . No weight allowed in cab.
3. All weight or ballast must be securely fastened.

## Transmission

1. Blow proof bell housing on truck with standard shift transmission or blow proof blanket on automatic transmission are required.
2. Automatic transmission must be covered 360 degrees from back of engine block to the tail shaft bolts.

## Dress Code

1. Long pants, shirt, leather shoe.
2. DOT helmet is highly recommended to be worn and fastened.

## Exhaust

1. Must run mufflers or 6’ of pipe.
2. Exhaust must clear the rear of the cab.
3. 3” diameter or smaller pipe.
4. Headers are allowed but will be considered an add-on.

## Fire Extinguisher

1. All vehicles must have a 2 1/2” dry chemical or 1 lb. halon extinguisher.
2. Must be in working condition & secured within reach of driver.

## Inspection

1. All general rules apply, we reserve the right to inspect the vehicle or cubic inch at any time.

## Hitch

1. Must be at rear furthest point of truck.
2. Must be Reese style hitch, no pulling hitch or drawbar style.
3. Point where hitch hooks to frame can be no higher than the frame rails.
4. Hitch height may not exceed 26” high & hole in hitch must be 3.75” x 3.0” opening.

## Suspension

1. Must have OEM suspension.
2. No solid suspension of any kind.
3. Can be pinned or blocked & must have travel to be solid.
4. Lift kits are allowed.
5. Traction bar’s are allowed with only 2 attachment points only.

## Steering

1. Must have OEM steering column.
2. Must have stock steering box & be operational.
3. Electric pump with hydraulic cylinder for steering assisting is permitted.

## Tires

1. Must be street legal with DOT numbers on sidewall.
2. No cut tires, no studs, wrangler style, or chains.
3. Max tire size 12.5” tread width x 10” rims by 35” high.
4. Rear tire must track 50% over the path of front tires.

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## Big Block HO ( Appalachian Outlaws)

Hook fee \$25.00

6,200 lb.

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### Transfer Case

1. Must be OEM no larger than 1 ton.
2. No aftermarket or drop box allowed.

### Clutch

1. Slipper clutch allowed.
2. If no slipper clutch, must have blow-proof bell and blow-proof blanket.
3. Automatic clutch must have full blanket.

### Fuel

1. Gasoline only.
2. No nitrous oxide or any combustible accelerant.
3. No alcohol.
4. No propane.
5. Fuel tank must be OEM & locking.

### Ballast

1. Heavy front bumper allowed.
2. Hanging weight allowed, must be 12" to front of weight to grille.
3. Weights must be in box and can't be seen & securely fastened.
4. No weights allowed in cab.

### Transmission

1. No larger than 1 ton.

### Driver Restraint System

1. **Seatbelts are required & recommended to be fastened & worn during competition.**

### Safety Equipment

1. All trucks must have working kill switch, 6" off center & 24" above hitch point.
2. All trucks must have a 360 degree shield around U joint 3/8" thick aluminum or 1/4" thick steel, minimum width of 6".
3. All trucks must have a minimum of one shaft loop in the middle of drive shaft, 3/8" thick aluminum or 1/4" thick steel & at least 1" wide.
4. Must have working back up light or beeper.

### Differential

1. Can't be any longer than 1 ton, must be in OEM location, hub cover highly recommended.

### Add-on

1. Only 4 add-on's are allowed.

### Engine

1. no cubic inch limit.
2. Any aluminum cylinder head permitted.
3. Aluminum block permitted.
4. Single naturally aspirated cabs only with no split or tunnel rams allowed.
5. Any make engine allowed with any make body.
6. Rear of block must be 12" behind the center of front axle tube.
7. All fans must be shrouded at least 180 degrees on top.
8. One 4 barrel carb max.
9. Blow proof harmonic balancer or 360 shield highly recommended.

### Battery

1. Batteries are not allowed in cab, unless factory installed.

### Body

1. Vehicle must retain original factory wheel base.
2. Sheet metal must conform to wheel base.
3. Fiberglass body permitted.
4. Must have a firewall, bed floor can be removed. If floor remove must have bed cover.
5. No mud flaps or dirt deflector.

### Brakes

1. Must have front working brakes.

### Dress Code

1. **DOT helmet to be worn and fastened.**
2. **Leather shoes, pants, & shirt, fire suits are highly recommended.**

### Exhaust

1. Headers permitted.
2. Header throw hood must have 3/8 cross bolts after the collector or screen out the outlet.
3. Open exhaust is permitted.