

WTF SLED PULL RULES 2025

All classes will be teched by IPL using these rules

8000 STOCK TURBO 4X4 CLASS

- 100% OEM stock charger.
- No rear blocks, no hanging or hidden weight.
- No trick hitches, Reese style hitches only, must pull from rear of truck and hook point must be rearward of furthest most point of the truck.
- Must be able to tow a trailer with the hitch. Truck must be licensed, insured and street driven.
- Single ladder bar allowed.
- No hood stacks, exhaust must exit behind the cab.
- If adding weight no more then 8000 lbs, that includes tool boxes and fuel tanks... if have nothing adding weight to truck we allow whatever the truck weights...
- 20" Hitch
- Engine and turbo must have been available from the factory and been an option in the year/make of truck being pulled.
- Decision of the officials is final.

6500 STREET STOCK GAS 4X4

- Must be licensed, insured and street driven.
- No rear blocks, no hanging or hidden weight.
- No trick hitches, Reese style hitch only, must pull from rear of truck, hitch must accept any off the shelf Reese style receiver. Hook point must extend past furthest most reward part of the truck.
- Must be able to tow a trailer with the hitch.
- Single ladder bar allowed.
- Cast off the shelf intake, Aluminum intakes are allowed, no fabricated intakes. 4150 carb If truck is fuel Injected, must be the factory efi and look 100 percent stock.
- If adding weight, No more than 6500 lbs, that includes fuel tanks and tool boxes. If have nothing added to the truck for weight, may pull truck at whatever it weighs..
- 20" Hitch
- No racing gas. Pump gas only.
- Must have full exhaust and exit behind the cab with mufflers.
- Maximum of 3" collector and exhaust.
- Must have 4 working wheel brakes
- Decision of the officials is final.

8000 WORK STOCK DIESEL

Chassis and Suspension

- OEM 1 ton or less chassis required. No tube chassis or back halve conversions.
- Factory wheelbase must be retained, Cab and chassis trucks must be no more than 172" wheelbase from center of axle to center of axle.
- Engine must remain in original location
- Factory front suspension must be retained. Must retain factory OEM type steering gear. Non OEM power assist is prohibited.
- OEM style rear suspension is mandatory. Suspension can be temporarily blocked solid.
- No air bags or air shocks are allowed.
- Limiting straps are allowed.
- Traction bars are allowed front and rear but must bolt to the housings. Only bracketry to bolt them on with may be welded. You are allowed 1 straight bar per side with a maximum of 2 links or points of contact on the axle housing and/or frame going from the centerline of the rear axle forward.
- No rear frame trusses permitted. Bracing may only have 2 points of contact.
- Must pull off of a Reese style hitch with no part of the hitch extending forward of the centerline of the rear axle. No part of the hitch can connect to the rear axle. No part of the hitch may be above the top of the frame rails. Hitch must be parallel to the ground and stationary in all directions.
- Hitch height is 24" max
- Hook point must be a minimum of 44" from the centerline of the rear axle to the hook point
- Rear bumpers may be notched or removed. Sled stops permitted
- Hanging weight is permitted and no part of weight may extend more than 60" forward of the front axle. Hanging weight excludes fuel tanks, batteries or other things of the like. All other ballast must be in the bed. Nothing allowed in the cab.
- Batteries may not be mounted in the cab. Batteries are to be no further forward than the factory core support.
- 8000lb max weight limit

Driveline

- OEM 1 ton or less transmissions and transfer cases required. No Bruno, Lencos or reversers. No dropboxes. Aftermarket internals in stock housings are allowed.
- SFI approved transmission blankets are required in trucks running an automatic transmission. The only exception to the blanket and bell housing rule will be for a true street driven truck and is at the discretion of the officials.
- SFI approved blowproof bellhousings or sfi blanket on the bellhousing are required for manual transmission trucks. Manuals must be clutch assisted, no sequential shifters permitted.
- All trucks must have safety switches to prevent truck from starting in gear.

- OEM 1 ton or less axles required front and rear. Aftermarket internals in stock housings are permitted.
- Must have working 4 wheel brakes.
- It is mandatory to have U joint shields covering all driveshaft U joints. Shields need to be at least 6" long and made of at least ¼" thick steel or 3/8" thick aluminum.
- 35" DOT tires max or metric equivalent. No cutting or sharpening. No chains or studs allowed. No dual wheels.

Truck

- Body must be OEM truck body including OEM bed floor. Body must retain full sheetmetal as well as OEM firewall and OEM floor boards.
- All OEM glass windows must be retained. No lexan permitted. All windows must retain factory operation.
- Complete interior including dash board and door panels mandatory. Aftermarket seats permitted but must be matching.
- Hand throttles permitted
- Factory headlight and tail light assemblies must be in place and operational. The only exception is the right front headlight may be removed for air inlet to the engine.
- Radiator must be in stock location and at least stock capacity. Engine
- Fuel tank must be in stock location or in bed of truck. NO FRONT MOUNTED FUEL TANKS. Aftermarket fuel tanks or fuel cells allowed.
- Engine is limited to a stock appearing OEM compression engine available from the factory in a one ton or less truck.
- Electric water pumps and electric fans permitted. Factory accessory drive system must be retained.
- No individual runner intakes (Ex: ZZ Customs)
- No deck plates
- OEM cylinder heads required. (Ex: No Hamilton heads for the Cummins, No Brodix heads for the Duramax)
- No pressurized injectables allowed whatsoever. This includes nitrous oxide, propane, water injection or anything of the sort. All components must be removed.
- Engines turning more than 4500 rpm must have an SFI approved harmonic balancer.
- Fuel injection pump is cylinder count specific (6 cylinder pump on a 6 cylinder engine). P Pumps allowed are the P3000 and P7100. No sigma or 12 cylinders allowed. No AG governors. No dual fuel pump (cp3) or dual fueler set ups allowed. Dual HPOPs are allowed.
- Fuel must be commercially available #1, #2 diesel or soy/biodiesel.
- Factory style or aftermarket air to air intercoolers only mounted in stock location. Water to air intercoolers are prohibited unless factory equipped such as the newer 6.7L ford .Absolutely no use of ice or water to cool the intake charge.

Turbo and Exhaust

- Turbocharger is limited to a stock appearing OEM charger only that was available in a 1 ton truck or less. Max exhaust housing flange size not to exceed a T4 flange unless otherwise factory equipped. NO adapter plates to accept other turbos. 6.4 liter Powerstroke may utilize the factory twin turbos without modification. Turbo inducer bore to be no greater than 2.5" both before and after the MAP groove. If A map groove is present, it must measure .200 or less ., Turbo inducer bore will be checked with a 2.550 plug.
- **NO S400 TURBOS ALLOWED, TURBO RULE WILL BE ENFORCED**
- Any external wastegate must be vented into the exhaust downpipe within 12 inches from the exhaust pipe clamp on the back of turbo. Absolutely no venting into the atmosphere.
- Exhaust must exit upward and behind the back of the cab. Tail pipes exiting on the ground may be equipped with a 90 elbow pointing up.
- Stacks in the bed permitted. Hood or fender stacks are not allowed.
- Two 3/8" diameter bolts installed In the downpipe in a cross pattern are required before the first bend as close to the turbo as possible.

Safety

- All trucks must have a working 2.5 pound fire extinguisher on board.
- Helmet and Fire jackets highly recommended.
- Seatbelts or 5 point harness highly recommended.
- U joint shields required if joint is visible from outside the truck. See specs for length and thickness under driveline section. Driveshaft loops are Highly recommended
- Kill switches mandatory on all trucks and must be located at the back of the truck. Air guillotines are acceptable for non electronic engines. Electric kill switches are permitted on trucks with electronic fuel shut offs. The only exception to the kill switch rule will be for a true street driven truck and is at the discretion of the officials.

Top 5 trucks will be teched. Refusal to have your truck teched will result in disqualification and loss of placing and prize money.

6500 LIMITED STREET GAS 4X4

Truck

- No gutting of the truck, all interior must be in place, lights must work.
- Factory glass and working windows only, no plastic or Lexan type windows.
- Sled stops recommended.
- Only 2 batteries allowed under the hood in stock location. Batteries must be under the hood or in the bed of the truck.

Engine, Ignition, and Fuel

- Engine must match make of truck and be in stock location.
- 496 cubic inch +/-1.5% limit will be enforced.
- OEM cast iron heads and block unless factory equipped. Must have OEM casting numbers present.
- No raised runner type heads, ports must be in the stock location. No grinding of the rocker arm valley or casting numbers. Aluminum heads are allowed only if factory equipped and oem type head. Aluminum head allowed only if factory induction is present and factory equipped.
- Aluminum intakes permitted, no sheet metal or tunnel ram style intakes.
- Single 4 barrel 4150 carb, Holley or Edelbrock Type carb only. Carb must have cast main body, NO billet main bodies. No dominator, predator or single butterfly style carbs (SV1, Predator etc.). If Fuel injection is present, it must be O.E.M. for that year of vehicle, no aftermarket fuel injection of any kind. If aluminum heads are present, must run type of induction on the engine for that year of vehicle being pulled (this meaning if aluminum heads are present and it had fuel injection from the factory, it must have OEM fuel injection present to pull for money).
- Maximum 2" carb spacer.
- Electric water pumps and electric fans are allowed.
- No vacuum pumps or dry sumps.
- No turbo's, super chargers, injectables (nitrous oxide, methanol etc.) or fuel injection unless factory equipped for that truck.
- Headers permitted, must exit down and back.
- May run stock style distributor and ignition, aftermarket distributor and multi spark boxes ok(ex. Msd6al), rev limiters permitted. No crank triggers.
- Pump GAS or race gas only. No alcohol or nitromethane.
- Fuel tanks must be in the stock location or in the bed. Fuel cells permitted.

Chassis and Driveline

- OEM chassis 1 ton or less. Frame must match make of truck body. No tube chassis.
- 1 ton or less driveline, must have U joint shields covering all U joints. The only exception to this would be the front driveshaft on transfer case output yoke if it is shielded by the cross member. Shields must be 6" long, 1/4" thick if made of steel, 3/8" thick if made of aluminum.
- No aftermarket 3 speed trannies allowed. Transmission must retain factory number of gears for the transmission present.
- Must have working hydraulic wheel brakes
- Automatic transmission blankets or blow proof bell housings are highly recommended.
- 33" x 13.50 max dot tire, no dual tires. Absolutely no tire modifications allowed, this includes grinding, sharpening, siping etc. Wheels must be D.O.T. or SFI approved.
- Traction bars permitted.

- No front 4 link suspensions or coil over shocks unless factory equipped. If retaining a factory coil spring set up you must use the factory coil spring and shock type. No AFco or drag race type coil shocks permitted.
- Must have OEM style rear suspension, leaf springs must have shackles. Must have 5 springs Minimum.
- Suspension blocks permitted, must be easily removable.
- Must have Reese style hitch with hitch pin not exceeding forward of rear spring hanger. Hitch must be able to accept a 2"x2" receiver hitch insert.
- No twist clevises, must be able to accept sled hook with a 3"x 3 3/4" opening. If a clevis is present, it must be bolted or threaded style clevis, not pinned. Hook point must be a minimum of 42 inches from centerline of the rear axle. Hitch to be mounted no higher than the top of the frame rail, no part of hitch any further forward than center of rear axle and no part of hitch fastened to the rear axle. Hook point no further forward than back of tailgate.
- Max hitch height of 20".
- NO visible hanging weight permitted. This includes weight bars, snow plows or steel plates. Any added weight must not change the appearance of a street driven truck. Any added weight must be behind the bumper and core support and further rearward.
- Must have front bumper in factory location.

Top 5 trucks will be teched. It is at the tech official's discretion to pump the top placing trucks at any event, at no charge. Refusal to have your truck pumped will result in disqualification and loss of placing and prize money.

6200 ALTERED GAS 4X4

- Hood modifications and upright headers are acceptable.
- Tires must be D.O.T. approved for highway use and uncut. No recaps. Single rear wheels only.
- Protest rules in effect.
- The decisions of the pulling officials are final.
- Kill switches are mandatory. Electric fuel pumps must be wired through the kill switch.
- Trucks must have a full body, no flat beds, if bed floor is removed it must be covered and Not visible to spectators.
- Will allow racing seat.
- Fuel tanks are allowed to be in front of vehicle if they are S.F.I. and have braided hoses And pressure coupler. Batteries may be mounted out in front of the truck but battery must be Enclosed. No Batteries in cab.
- All drivers are required to wear helmets and jackets and pants with a SFI rating Of 3-2a-1. Shoes also recommended.
- All drivers are required to wear seatbelts.
- All vehicles must have a working fire extinguisher.
- No tilt bodies are allowed.

Weights

- Front weights to be a maximum of 60" from center of front axle.
- No loose weights in cab.

Hitches

- Maximum hitch height is 26 inches, & minimum 36 inches from center of rear end
Maximum of 48 inches.
- You must use a steel plate hook point with a minimum 3 ¼ wide 3 ¾ deep hole.
- Pivot point of hitch cannot be forward of center of rear axle. It must be below top of frame Rails, and hook point must be behind frame rail or body.
- Hitches must be tight and have no movement in any direction.

Engines

- Maximum 514 cubic inch + 1% tolerance, naturally aspirated V8 engine.
- Any single four-barrel carburetor is allowed.
- No turbochargers or superchargers.
- No fuel injection unless factory equipped.
- Cast iron block and Any Conventional style head(Aluminum or Cast Iron) no spread port heads no big duke or big chief heads.
- No pressurized fuels. No methanol alcohol fuel.
- Front of engine block cannot extend more than 10 inches of the center of the front axle. Front axle must be in stock location.

Harmonic Balancer

- All engines must be equipped with a harmonic balancer or dampener meeting SFI Spec18.1.
- All vehicles are required to shield all rotating mass mounted on the front of the Crankshaft, if unobstructed. Shields to be from frame rail to frame rail and top to Bottom. Shields to be a minimum of .125" steel or aluminum fastened by at least 2 Evenly spaced 3/8" grade 5 bolts.

Transmissions & Drivelines

- Maximum wheel base 134 inches center to center.
- Stock type one ton or two ton drive-lines are permitted. No planetary.
- Drop box's are allowed. Reversers are allowed.
- May block frame solid.
- Must have scatter proof bell housing or automatic transmission blanket, and S.F.I Flywheels.
- No tube chassis are allowed.

U-joint shielding

- 1. All u-joints and yokes must have a 360 degree cover, at least 6" long (covering entire Yoke and u-joint), ¼" thick steel (3/8" thick aluminum). Inside diameter of shield will Be no more than 2" larger than u-joint. If cover is cut in half it must be fastened no farther Than 1" from ends with at least 3/8"– grade 8 bolts. Must be bolted a maximum of 6" from Bolt to bolt. All intermediate shafts need covered 360 degrees. NO HINGE STYLE Fasteners permitted. Must be securly fastened.

Drive shaft loops

- Drive shaft loops required (3/4" or wide), 1/8" or thicker steel (1/4" or thicker Aluminum). No more than 2" larger than the largest u-joint. If cut in half, must be bolted Within 1" from ends and a maximum of 16" apart from loop to loop (multiple loops). If Using a one piece cover it must be bolted a maximum of 6" apart the entire length and at Least 1" from ends. All fasteners must be at least 3/8"– grade 8 bolts. NO HINGE STYLE Permitted. Must be securly fastened.

ALL THE ABOVE RULES WILL BE STRONGLY ENFORCED DUE TO YOUR SAFETY AND THE SAFETY OF OTHERS.