

**VALLEY TRACTOR PULLERS ASSOCIATION INC.
(V.T.P.A)**



SAFETY RULE BOOK

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GENERAL RULES (All Classes)

1. Any person found to be intoxicated before or during the event will not be allowed to hook to VTPA equipment.
2. Snell/DOT approved helmet full face helmet required while pulling.
(S and SD exempt but highly recommended)
3. All hitch components must be steel. No Aluminum components allowed.
4. The hitch point must have an opening of 3" wide by 3.75" long. No ball hitches allowed. No chains, clevises, or other extension devices may be used. (loaner hitch will be available for S and SD)
5. Only the driver is allowed in the vehicle. No passengers. (Certain exhibition exceptions apply)
6. Driver must be seated and in control of the vehicle any time the motor is running or being started.
7. The vehicle must be in neutral or park while being hooked to or unhooked from the sled. The driver must raise their hands while being hooked or unhooked.
8. Any aftermarket automatic transmission shifter must be equipped with a spring-loaded positive reverse lockout.
9. The vehicle must have a starter interrupter switch that will allow starter engagement only in neutral or park position on the transmission gear selector.
10. A minimum of 2 ½ lb. fire extinguisher must be mounted within reach of the driver.
(S, SD, and WSD exempt but highly recommended)
11. The driver must be visible to track officials while on track. If side windows are tinted, they must remain in a fully down position while on track.
12. No loose weight allowed in the cab.
13. No batteries allowed in the cab.
14. No tanks, fuel lines, pressure gauges or fuel pumps allowed in cab. All hydraulic lines in cab must be shielded top and side.
15. All tires must be seated to the bead and able to hold air pressure.



STOCK (S)

1. All general rules apply.
2. The hood must be in place over the engine compartment.
3. Must have working brakes on all four wheels.
4. The bed floor must be complete.
5. Complete OEM firewall and floor pan required.
6. OEM restraint system must be present and worn snugly

STREET MODIFIED (SM)

1. All general rules apply.
2. Hood must be in place over engine compartment. An air cleaner cut-out is allowed.
3. Must have working brakes on all four wheels.
4. Fuel tank must be bolted down.
5. Bed floor must be complete. If wheel wells are removed, a full Tonneau cover is required.
6. Complete OEM firewall and floor pan required.

7. OEM seat belt or SFI approved restraint system required and must be worn snugly.

SUPER STOCK (SS)

1. All general rules apply.
2. If bed floor or wheel wells are removed, a full tonneau cover is required
3. Must have kill switch securely mounted to vehicle and located immediately adjacent to the hitch. Must have a 2" diameter ring at least 1/8" thick. Kill switch must be wired to electric fuel pump and ignition box.
4. Drive shaft loops required. Trucks will have a minimum of two loops on the rear drive shaft and one on the front shaft. 360-degree loop must be a minimum of 1/4" aluminum or 3/16" steel, 3/4-inch-wide (or wider) and not more than 2 inches from the shaft in any direction. U-Joint shields are a separate device and do not count as a driveline loop.
5. U-joints must be shielded 360 degrees with 1/8" steel or 1/4" aluminum. Shield must cover at least 1" past the u-joint assembly
6. Must have a minimum of both front brakes and/or front or rear pinion brakes. Pinion brakes must be fully encircled by 1/8" steel or 1/4" aluminum material.
7. Manual transmissions must have scatter shield with SFI approved steel flywheel and high-performance clutch (dual disc maximum and must have pedal). SFI blankets required for all automatic transmissions.
8. SFI approved harmonic balancer required
9. Single layer SFI-approved fire suit required. One or two-piece suits are acceptable
10. OEM seat belt or SFI-approved restraint system is required and must be worn snugly.
11. The vehicle must have a neutral safety light mounted near the hitching area.

COUNTRY MODIFIED (CM)

1. All general rules apply.
2. If bed floor is removed, some type of tonneau cover is required
3. Must have kill switch securely mounted to vehicle and located immediately adjacent to the hitch. Kill switch may not be mounted to hitching device. Must have a 2" diameter ring at least 1/8" thick. Kill switch must be wired to electric fuel pump and ignition box.
4. All vehicles must have a neutral safety light mounted near the hitching area.
5. Drive shaft loops are required. loops on the rear drive shaft and front shaft with a maximum spacing of 24". The 360-degree loop must be a minimum of 1/4" aluminum or 3/16" steel, 3/4" wide (or wider), and not more than 2 inches from the shaft in any direction. U-Joint shields are a separate device and do not count as a driveline loop.
6. U-joints must be shielded 360 degrees with 3/16" steel or 1/4" aluminum. The shield must cover at least 1" past the U-joint assembly
7. Manual transmissions must have scatter shield with SFI approved steel flywheel and high-performance clutch (dual disc maximum and must have pedal). Cast Bellhousing permitted with 2"x 1/4" shield. SFI blankets required for all automatic transmissions.

8. SFI approved harmonic balancer required.
9. Single layer SFI approved fire suit required. One or two piece suits are acceptable
10. OEM seat belt or SFI-approved restraint system is required and must be worn snugly.
11. Vertical exhaust must exit within ten (10) degrees of the plumb.



PRO MODIFIED (PM)

1. All general rules apply.
2. Fire suits are required. Leather or fireproof shoes are required. Helmets are required. No modifications to helmets are allowed.
3. All pulling vehicles are required to have a minimum of a 2 ½ lb. fire extinguisher within reach of the driver.
4. All vehicles are required to have a kill switch. The kill switch will ground the ignition and the electric fuel pumps on spark ignition motors.
5. All pulling vehicles must have a Deadman throttle that will automatically return to a closed position. Throttles will work in a forward to reverse motion, forward being open.
6. Throttle required to have at least 2 (two) return springs.
7. All vehicles using a foot throttle must have a toe strap.
8. Seats belts are required on all vehicles.
9. All pulling vehicles must have a neutral safety light. A light, automotive quality, a minimum of 2 inches in diameter, must be mounted within 6 inches of hooking point. A light in the driver's compartment must be operated off the same system. Both lights and the starter interrupter switch will be operated from the shifter lever.
10. Axle shields are required. May not be mounted to axle ends or hub bolts. Center caps are permitted. A hole may be cut to access the locking hubs.

11. Must have a complete firewall. Holes for operational devices are permitted. Hole may have ¼ inch gap around device.
12. Vehicle must have vertical bumpers to prevent climbing front of sled
13. Bed must have some form of a cover, covering the top and tailgate area of the bed
14. No cast iron rotating parts on engine or drivelines
15. All vehicles will be required to use kill switches. Kill switches will be securely mounted to the back of the vehicle and have a 2 inch diameter ring, at least 1/8 inch thick to attach to the sled.
16. All brakes in the driveline will be shielded 360 degrees with ¼ inch aluminum or steel.
17. All engines will have a solid deflection shield running the complete length of the block. Shield must be securely fastened. Starters, exhaust, fuel pumps, etc., need not be shielded. Shields must cover from the base of the head to within one inch of the bottom of the pan. The frame may be used as part of the shield.
18. All engines using a clutch flywheel assembly will run a full block saver plate. Material to be 1/4" aluminum or 3/16" steel minimum.
19. Minimum of 7 (seven) grade 5 or better bolts to hold the bell housing to block saver plate, with not less than two below the engine block.
20. All clutch bell housings are to be 1/4", one piece hydro formed steel.
21. No cast iron clutch components or flywheels will be allowed.
22. Clutches, flywheels and related components must be mounted to engine.
23. There will be 5 (five) 3/8 inch bolts or 4 (four) ½ inch bolts to secure bell housing to the transmission.

PRO MODIFIED (PM)

24. All vehicles using an automatic transmission must have an approved high-performance flex plate. No cast iron is accepted.
25. All automatic transmissions must have an approved full length safety blanket.
26. All vehicles using an automatic transmission will use a positive reverse gear lockout.
27. Trucks will have 3 (three) loops on rear drive shaft, and 2 (two) loops on front drive shaft, evenly spaced on driveline. ¼ inch aluminum or 3/16" steel material, 2 (two) inches away from shaft maximum.
28. U Joints must be shielded 360 degrees with 1/4" inch aluminum or 3/16" steel. The shield must be at least 1 inch past the u joint assembly.
29. All intermediate shafts between the transmission and transfer case will be totally enclosed in 1/4" inch aluminum or steel.



STOCK DIESEL (SD)

1. All general rules apply.
2. Front and rear hydraulic brakes required.
3. OEM restraint system must be present and worn snugly.
4. Complete OEM firewall required.
5. Complete OEM floor pan required.
6. Rear axle bolts must be covered by a cap or shield.
7. All transmission lines must be metallic or high-pressure-type hose.
8. Exhaust must exit rearward of the cab. Stacks exiting through the hood or fender well are prohibited.

Work Stock Diesel (WSD)

1. All general rules apply.
2. Front and rear hydraulic brakes required.
3. OEM restraint system must be present and worn snugly.
4. Complete OEM firewall required.
5. Complete OEM floor pan required.
6. Rear axle bolts must be covered by a cap or shield.
7. All transmission lines must be metallic or high-pressure-type hose.

8. Exhaust must exit rearward of the cab. Stacks exiting through the hood or fender well are prohibited.



LIMITED PRO STOCK DIESEL (LPSD)

1. All general rules apply.
2. All trucks must have at least six inch 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 and the end of the rear shaft. Any front shaft u-joint that is visible from the side of the vehicle must be shielded to contain the u-joint and the end of the shaft. All shields must be securely mounted to the vehicle.
3. Drive shaft loops required. loops on the rear drive shaft and front shaft with a maximum spacing of 24". 360-degree loop must be a minimum of 1/4" aluminum or 3/16" steel, 3/4" wide (or wider) and not more than 2 inches from the shaft in any direction. U-Joint shields are a separate device and do not count as a driveline loop.
4. Front brakes required. Rear brakes are optional.
5. Axle shields of at least .060 thickness aluminum or steel are required. Shields may not be mounted to axle ends or hub bolts. A hole may be cut in one to allow locking in of front hubs.
6. OEM or SFI approved restraint system is mandatory and must be worn.

7. The exhaust must exit the vehicle upward within ten degrees of plumb. Two 3/8" diameter bolts must be placed through the exhaust pipe in a cross pattern within one inch of each other, within 6 inches of the turbo.
8. A sled and driver operated spring loaded emergency air shut off is required (rain cap or guillotine). The cable must terminate into a two inch diameter steel ring at the rear of the truck, within twelve inches of the hitch.
9. SFI-approved fire suit required. One or two-piece suits are acceptable
10. All transmission lines must be metallic or high-pressure-type hose.
11. All vehicles 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 transmission main body. The bellhousing area is to be completely covered and have six inches of overlap where the blanket is fastened. All non-blanket type shields must incorporate two (or one per manufacturer's specifications) 3/4" by 1/8" 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.
12. All vehicles 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.
13. A clutch meeting minimum SFI spec 1.1 or 1.2 is mandatory on all vehicles. All manual transmissions must be clutch assisted.
14. All vehicles 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 which completely covers the bell housing. It must be attached at the block and extend rearward to the transmission with a minimum of six-inch overlap where it is fastened.

PRO STOCK DIESEL (PSD)

1. All general rules apply.
2. All u-joints must be shielded 360degrees by at least 1/4" steel or 3/8" aluminum that will safely contain the u-joint and the end of the rear shaft. Shields are to be six inches long minimum and centered on the U-joint. All shields must be securely mounted to the vehicle.
3. Drive shaft loops required. loops on the rear drive shaft and front shaft with a maximum spacing of 24". 360-degree loop must be a minimum of 1/4" aluminum or 3/16" steel, 3/4" wide (or wider) and not more than 2 inches from the shaft in any direction. U-Joint shields are a separate device and do not count as a driveline loop.
4. Front brakes required. Rear brakes are optional.
5. Axle shields of at least .060 thickness aluminum or steel are required. Shields may not be mounted to axle ends or hub bolts. A hole may be cut in one to allow locking in of front hubs.

6. The OEM or SFI approved restraint system is mandatory and must be worn.
7. Two 3/8" diameter bolts must be placed through the exhaust pipe in a cross pattern within one inch of each other, within 6 inches of the turbo.
8. A fire extinguisher system is required. It must be securely mounted in the cab.
9. A sled and driver-operated spring-loaded emergency air shut off is required (rain cap or guillotine). The cable must terminate into a two (2) inch diameter steel ring at the rear of the truck, within twelve inches of the hitch.
10. Single layer SFI-approved fire suit required. One or two-piece suits are acceptable
11. SFI bell housing blankets and or SFI blow proof bell housing required.
12. All intermediate shafts between the transmission and transfer case must be totally enclosed in 3/8" thick aluminum or 5/16" thick steel. 1/4" of the shaft may be visible.
13. All transmission lines must be metallic or high-pressure-type hose.
14. All vehicles 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 transmission main body. The bellhousing area is to be completely covered and have six inches of overlap where the blanket is fastened. All non-blanket type shields must incorporate two (or one per manufacturer's specifications) 3/4" by 1/8" 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.
15. All vehicles 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.
16. A clutch meeting minimum SFI spec 1.1 or 1.2 is mandatory on all vehicles. All manual transmissions must be clutch assisted.
17. All vehicles 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 which completely covers the bell housing. It must be attached at the block and extend rearward to the transmission with a minimum of six-inch overlap where it is fastened.

SUPER STOCK DIESEL (SSD)

1. All General rules apply.
2. SFI approved restraint system required and must be worn snugly.
3. All trucks must have at least six inch long u-joint shields around the rear u-joint constructed of at least 1/4 inch steel or 3/8 inch aluminum that will safely contain the u-joint and the ends of each shaft. In addition there will be at least one shaft loop in the middle of the drive 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.
4. A 1/4" steel plate or 3/8" aluminum plate shield across the frame under the front of the motor shielding the damper and engine fan area is required. Side shields are

recommended to run the length of the block covering the block from head to pan. The frame rails may be used as part of this shield.

5. Front brakes required. Rear brakes optional.
6. Exhaust must be directed away from the fuel tank and driver and exit the vehicle within 10 degrees of plumb. Two 3/8 inch diameter bolts must be placed through the exhaust pipe in a cross pattern within one inch of each other as close to the final turbo as is practical.
7. A Halon fire extinguisher is required. It must be securely mounted and within reach of the driver.
8. All trucks must be equipped with a driver-operated fuel shutoff capable of blocking fuel flow to the injection pump. A three-way dump valve is recommended.
9. Location: All fuel tanks, lines, pumps, valves, etc. must be located outside of the driver compartment and within the confines of the frame and/or steel body. Fuel pressure gauge isolators, with steel-braided line, may be mounted on the firewall
10. All intermediate drive shafts must be fully enclosed with a 5/16 inch steel or 3/8 inch aluminum shield. The shield must cover the entire length of the shaft and the universal joints and yokes at each end.
11. A sled- and driver-operated spring-loaded emergency air shut off is mandatory. The cable must terminate into a two (2) inch diameter steel ring.
12. Single layer SFI approved fire suit required. One or two piece suits are acceptable
13. All transmission lines must be metallic or high-pressure-type hose.
14. All vehicles 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 two (or one, per manufacturer's instructions) 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 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. If SFI rated flex plates aren't available then a blanket shield is permissible per above specifications.

SUPER STOCK DIESEL (SSD)

15. A clutch meeting SFI Spec 1.2 or 1.3 is mandatory. All transmissions must be clutch assisted. Sequential shifters are prohibited. All vehicles 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 and extend rearward to the transmission with a minimum six inch overlap where it is fastened. If a SFI rated

clutch isn't available then a flywheel shield and blanket may be used per above specifications.

