

6200# SUPERSTOCK PICKUP RULES

Rules in place until post 2022 Season

1. General Safety
 - A. All Safety rules are mandatory. No exceptions for local pullers.
 - B. Weights or weight bar, all weights must be securely fastened to vehicle with the leading edge of weight or hanger no more than 60 inches in front of axle centerline (excluding tow hooks).
 - C. All FWD Pickups must use wheels no more than 6 inches off the ground, within 6 inches of the forward most part of the vehicle.
 - 1) Wheels must be a minimum of 6 inches in diameter by 4 inches wide or 4 inches in diameter by 6 inches wide.
 - 2) Wheels must support the weight of the vehicle.
 - 3) Wheels must be raised or removed for the purpose of ground clearance when vehicle is not on competition track.
 - 4) Wheels must be at least 3 feet apart.
 - D. Positive working kill switches must be used. It must shut off electric fuel pumps / ignitions. It will be located in a clear and visible place above the hitch. See general rule's # 32, 33 & 33-A.
 - E. All vehicles must be in neutral or park position while being hooked or unhooked from the sled. All vehicles must have a reverse actuated white safety light located within 12 inches of the hitch centerline, and one in visible area of the driver in working order. Both will be checked.
 - F. A deflection shield is required on both sides of engine, and must extend from the base of the head to the frame, the complete length of the block casting, and must be securely fastened. Side shields to be made of .060-inch thick steel or .125-inch thick aluminum.
 - G. Fire extinguisher mandatory in vehicle, 2-1/2 lbs.
 1. Fire suit, gloves, shoes, neck brace, and head sock are required (minimum rating of SFI 3.2A-1).
 2. A DOT approved safety helmet and a 4-point safety harness must be worn while hooked to sled. (Does not have to be a full face helmet.)
 - H. Harmonic balancers will be SFI approved.
 - I. Factory fuel tanks or cans will not be located in cab or under the hood of the truck. The appropriate safe fuel container will be put in the box tight to the back of the cab, or mounted between the front bumper and the leading edge of the weight box.
 - 1) Vehicles will have a drain valve on fuel systems as close to the fuel pump as possible to aid in fuel testing. It is up to the puller to get the fuel out of the tank for the test.
 - J. Only open headers, exiting vertical (straight up) is mandatory. Max clearance of header to hood to be 1-1/2 inches, and forward only enough to allow opening / closing the hood.

- K. All side and rear windows can be made of clear or tinted safety material. Must have window regulators and door panels in place. Side windows must be functional and if driver's window is tinted, it must be down when hooked to the sled. Front windshield will be as shipped factory original, or replacement factory safety glass.
 - L. Must have either inside or outside working functional mirror to aid backing up to sled.
 - M. Hoods must remain in the factory original fully closed position while hooked to sled.
 - N. Must have SFI approved bell housing or automatic transmission blanket / SFI approved transmission shield.
 - 1. May use any clutch or torque converter.
 - 2. Must have a starter interrupter switch on the gearshift that will allow starter engagement only in the neutral position.
 - 3. To be SFI approved, as many bolts as possible, must be in place around the bell housing. There must be a minimum of 4 bolts around the bottom and all bolts around the top.
 - O. Must have fully functional brakes on all 4 corners.
 - P. Must have steel or SFI aluminum flywheel.
 - Q. All vehicles must have complete factory floor & fire wall.
 - R. Trimming of the inner fender well is allowed only for clearance.
2. Specific driveline safety shielding
- A. Each drive shaft will have a minimum of 2 loops. If the vehicle has a shaft between transmission and transfer case no longer than 24 inches, then one loop properly centered will suffice.
 - 1. Loop material shall be made of ¼ inch steel, or 3/8 inch aluminum, no less than one inch wide and securely fastened.
 - 2. Loop location to be no closer than 6 inches or no further than 12 inches from each end of U-joint loop.
 - B. U-joints must be enclosed by a 360° shield of ¼ inch min. steel or ¼ inch aluminum with a steel liner or 3/8 inch min. aluminum at least 6-inches long, mounted in such a way that the U-joint cannot be seen from side, top or bottom.
 - C. Must use grade 5 minimum 3/8" bolts to attach all driveline safety shields. If shields are 2 pieces, the tabs will be spaced no further apart than 6 inches, between bolts.
3. Hitch
- A. Must be below the top of the frame rails.
 - B. Pulling point must be no further forward than centerline of the rear axle.
 - C. 133 inches is the maximum wheelbase allowed in competition. Hitch length must be a minimum of 36% of your wheelbase. (Example:

133-inch wheelbase, from centerline of rear axle to hook point is 47.88 inches)

- D. Maximum distance to top of hitch at hook point will be 26 inches.
 - E. Hitch must be rigid in all directions with no more than ¼ inch play. **IF** rear hitch supports run to rear axle, it must be attached on backside at centerline or below.
 - F. No cables or chains allowed.
 - G. Drawbar must be equipped with steel hitch no less than one inch thick with a opening of 3W"x 3-5/8" - 3-3/4"L and so that the Sled Hook will drop in and swing front to back without contacting any other metal. Hitch needs front catch tab. Refer to current hitch drawing.
 - H. Drawbar distance cannot change during the pull.
 - I. Must have 2 one-inch high vertical tabs installed on the axle centerline of front and rear axles, used for tape measurement.
4. Stock frames only. No cutting, sectioning, or adding to length.
 - A. Must have factory front bumper.
 - B. Repairs to frame are allowed with Board approval.
 5. Terra tires only, no bar lugs.
 - A. No tire modifications of any kind.
 - B. Maximum size is 31 x 15.50 x 15.
 - C. Rear tires must track within one inch maximum of the centerline of the fronts or vise-versa.
 - D. No cutting, sharpening of tires. Not even to square them up.**
 6. If the factory box is replaced or repaired, it must be built identical in structure and weigh as much as original factory unit.
 7. Fiberglass hoods with smooth flowing radius edges and functional scoops that do not rise more than 6 inches from the original stock hood surface. Any functional hood scoop can be added to your factory stock hood as long as they conform to the fiberglass hood description. Hood scoop can be open on backside only.
 8. All vehicles must have a bench or 2 bucket seats.
 9. Maximum cubic inch engine is 470
 - A. May use iron aftermarket blocks.
 - B. Heads – 2 valves only per cylinder.
 - C. No Hemi style heads allowed.
 - D. Engine swap between manufacturers allowed
 - E. 1.5% of 1 cylinder is allowed. Just for clean up only.**
 10. Carburetor ~ Any 1050 CFM style maximum, 4150 hp series only. Pro Form or Holley aftermarket centers are allowed. The carburetor must

measure 1.590 at top, 1.750 at Throttle Plates, bores must be round and throttle plates must fill holes and must have boosters in place and be functional. These are maximum numbers and carburetors will be checked cold by Tech.

- A. Naturally aspirated motors only.
- B. No alcohol; racing gasoline only.

1. **Gasoline ~ (Super Stock Pickups)** Gasoline is a mixture of hydrocarbons. It is a good electrical insulator, which is called dielectric. Its relative effectiveness as an insulator is represented by its "Dielectric Constant" (DC). The average DC for the hydrocarbons that comprise gasoline is 2.025. This is defined as a reading of 0 with the NTPA Fuel Check meter. To compensate for possible temperature differences of gasoline, which can cause slight variations in the D.C., the maximum acceptable meter reading is +5, with 0 as the reference reading. A gasoline that has a DC reading that is greater than 2.3 will cause the meter reading to be outside this range. The addition of compounds containing nitrogen and/or oxygen may produce a mixture with a DC reading that is greater than 2.3. Most gasoline will meet this criteria. **Note:** *Chemical spot test will be used when applicable.*

2. **Fuel Rule Violation:**

- 1st offense - Verbal warning (Lifetime)
- 2nd offense - General Rule # 1 - A applies

- C. Billet Metering Blocks allowed.
- D. No Predators or Dominators.
- E. No Billet Center Sections.

11. Maximum distance between back of the SFI harmonic balancer and center of front axle is 14-inches.
12. Front and rear axles must be factory available with a carrier rating of not greater than 10,000 lbs.
 - A. If rear axle is mounted rigid, rear springs can be removed.
 - B. Ladder bars on rear axle are allowed.
 - C. No electric, pneumatic, or hydraulic adjustable front suspension.
 - D. Any Dana 80's are allowed
 - E. 106 rear ends allowed. Must be all OEM, No aluminum or billet pieces or center sections.
13. Any aftermarket transmission and transfer case allowed.
 - A. No Lenco type transmissions allowed.
 - B. Automatics must have positive reverse lockout shifter.
 - C. No shifting of standard transmissions allowed while in motion of competition.

14. Standard full-size cabs only.
 - A. No extended cabs, vans, mini trucks, or conversions.
 - B. No aluminum bodies allowed.
15. Must have vertical bumpers at the rear most point of the vehicle. Bottom of bumper to be a minimum of 8 inches vertically. Must be rigid.
16. No sheet metal intake. Must be cast aluminum intake.
17. No tunnel rams allowed.
18. All rules except for safety issues are frozen through the end of Pulling Season 2022.

Revisions ~

Rev. Class Rules ~ 09/14/2019 ~ Gen Safety Added #Q ~ Must have factory floor & fire wall, #R ~ Trimming of inner fender well allowed for clearance, #5-D ~ No cutting or sharpening of tires, #9-E ~ 1.5% of 1 cylinder is allowed for cleanup only, #12-E ~ 106 rear ends allowed must be OEM no aluminum or billet pieces or center section, #16 ~ No sheet metal intake, #17 ~ No tunnel rams allowed, #18 ~ Rules in place through post 2022. Class Approved ~ 09/14/2019. Board Approved ~ 09/14/2019 ~ 1st Reading & 10/19/2019 ~ 2nd Reading

Rev. Class Rules ~ 10/22/2016; General Safety Added #1-G-1 ~ Neck brace, 1 – G – 3 ~ Deleted Neck brace, Fiberglass Hoods Deleted #7 ~ No cowl inductions, Deleted #9 ~ (Chevy in Chevy ect), Added #9 – D ~ Engine Swap between manufacturers allowed, Added #B-1 ~ General Rule #61 & #1-E Fuel Rule, Deleted #13 ~ Stock housing trans & transfer case, #13-A ~ Aftermarket gears allowed, #13C ~ Doug Nash allowed, #13-D ~ Not heavier than 10,000GVW, 13-H ~ 100# per unit must be added if using aftermarket trans or transfer case, #13-F ~ became #13, Added #14-B ~ No aluminum bodies allowed, Class Approved ~ 10/22/2016. Board Approved ~ 1st Reading 10/22/2016 & 2nd Reading 02/11/2017. Rules in place through post 2019 Pulling Season.

Rev. Class Rules ~ 09/28/2013; Added #1-G-3~ Neck braces, #1-I ~ Deleted DOT, Added #9-C ~ No Hemi style heads, Added #12-D ~ Dana 80's allowed, Added #13-F ~ Aftermarket Trans & Transfer Cases allowed, Added #13-G ~ No shifting while in motion, Added #13-H ~ Must add 100# per unit, except for Doug Nash. Class Approved ~ 1st Reading 09/28/2013 & 2nd Reading 12/07/2013. Board Approved ~ 1st Reading 01/18/2014 & 2nd Reading 02/22/2014. Rules in place through post 2016 Pulling Season.

Rev. Added ~ 01/28/2012 #1, C, 1, 2, 3, 4 ~ All FWD Pickups must use wheel.

Rev. 09/12/10: Rules revised & added: #1-C-1-2-3-4 ~ Must have wheels on weight box, #1-I-1 ~ Need to have drain valve for fuel testing, #K ~ Tinted windows, #1-N-3 ~ SFI bell housing must have as many bolts as possible, #3-G ~ Hitch needs front catch tab & hitch opening will be 3"x 3-5/8"- 3-3/4", #4-B ~ Repairs to frame allowed with Board approval, #8 ~ Took out the word factory, #10 ~ Any 1050 CFM style, 4150 hp series carb, #10-E ~ No Billet center sections, #13 ~ Stock transfer case and transmission allowed, #13-A ~ Aftermarket gears allowed, #13-B ~ No Lenco type Transmissions allowed, #13-C ~ Doug Nash Transmissions allowed.

Class approved 09/19/10; Board approved 10/16/10 1st Reading; 11/20/10 2nd Reading.

Board approved Carburetor Rule 11/20/10 1st Reading; 01/29/11 2nd Reading.

Rev. 04/19/09: Rules revised due to change in General Rules. (#1-C, #2-F, #3-G)

Rev. 10/13/07: Rules revised & added (#3 E, #10 C & D & E, #12 C, #13 B, #10 F).

Class Members Approved: 10/13/07

Officially Approved by TTPA Board: 11/17/07

Rev. 11/06/04: Rules revised & added (#1 E & H) (#4 A) (#7) (#8) (#13 A & B)

Per Class Member Review

Officially Approved by TTPA Board: 11/20/04

Note: This document is deemed TTPA Copyright and is not to be copied, revised, used or changed by any other organization other than the Thumb Tractor Pulling Association Inc. without the written approved / consent of TTPA Board of Directors.