

# CENTRAL OHIO TRACTOR PULLERS ASSOCIATION

## 5500# 2-WHEEL DRIVE SUPER STOCK TRUCK RULES

Date: 5/28/21

Weight: 5500 #

Age of Drivers: 16 years or older, under 18 must have parental consent

### ENGINE:

FUEL: No pressurized fuels, no nitrous oxide, no nitrogen methanol, no methanol, and no propylene oxide. Racecar gasoline and oxygenated fuels may be used with a specific gravity (sg) not to exceed .750 sg. (2021 Rule Change)

- Naturally aspirated engines only.
- Maximum cfm carb, 4150/4160 Holley flange only. (NO Dominators, King Demons, SV1 or Split Carbs.)
- Maximum 478 cubic inches +2%.
- All trucks subject to pump.
- If the driver chooses not to pump, they will then forfeit the purse money from the event back to the club. They must then run exhibition from that point forward or until the vehicle is torn down and proven by the owner.
- Protest fee will be \$300 CASH to pump cubic inches. \$100 tech fee will be paid from this protest fee regardless if the protested vehicle is found legal or illegal. If the protested truck is found legal, \$200 will be paid to the protested truck owner. If the protested truck is found to be illegal, the \$200 will be returned to the protestor.
- All pumping will be done at the track.
- Blocks and heads **MUST** be cast iron.
- Aftermarket blocks and heads are allowed.
- No aluminum heads or blocks allowed.
- SFI approved harmonic balancer.
- **MUST** use SFI approved flywheel.
- Must have a catch can for the radiator.

### DRIVETRAIN:

- Dual disc clutches are allowed.
- No planetaries allowed.
- Manual transmissions **MUST** use SFI approved bellhousing (blow proof).

**DRIVETRAIN (CONTINUED):**

- Must have a block saver plate.
- Automatic transmissions **MUST** be covered by a SFI approved transmission blanket.

**HITCH SET-UP:**

- 36" **MINIMUM** hook point from center of rear axle.
- 48" **MAXIMUM** hook point from center of rear axle.
- Hitch point **MUST** have 3.5" hole.
- Hitch height is 30" **Maximum**.
- **MUST** have sled stops that extend at least 8" past rear most point of truck.

**CHASSIS:**

- Rigid suspension is permitted.
- Front weights **MUST NOT** extend greater than 60" from center line of front tires.
- DOT tire only. Maximum size 35x12.5. **NO** cut, siped or barred tires allowed.
- Super steer/ribbed tires are allowed.
- All U-joints and chains **MUST** be covered with a 360 loop and be at least 6" wide constructed of 1/8" steel or 3/16" aluminum.
- No vehicles over 146" allowed.
- Back up lights and neutral switch is recommended for 2020 however it is required for 2021.

**GENERAL:**

- **ALL VEHICLES MUST HAVE WORKING KILL SWITCH.**
- In-Cab batteries must be covered.
- Truck may hook multiple times if the minimum 5 entries/class is not met.
- If truck hooks multiple times, the first hook is the hook that counts.
- Valid driver's license if **REQUIRED**.
- Drivers **MUST** wear helmet.
- Drivers **MUST** wear seat belt.
- Fire suits are mandatory.
- **Must** have working fire extinguisher within driver's reach.

**ALL RULES WILL BE INTERPRETED BY THE COTPA COMMITTEE. ANY UNFORESEEN PROBLEMS OR OVERSIGHTS WILL BE RULED ON BY THE COTPA COMMITTEE. COTPA official and/or tech person has the right to check any truck at any event. All COTPA general rules apply.**

Chair Person: Barney Taylor @ 937-368-2447

Tech Man: Wayne Van Brimmer @ 937-707-8876