

C5 Performance Pulling Series - 2018

Goal: To promote C5 Performance Inc products and increased efficiency in tractor pulling using modern science and parts. Oh yeah, and have fun!

Participation: Yearly entry fee for the series is \$25 per tractor per weight class. Weekly hook fees and payouts are determined by the hosting group. No refunds issued for the yearly fee.

Series: Each series will follow the rules listed below. The series promoter(s) must sign a participation form and agree to follow the rules listed below.

Because our rules may prevent tractors from participating in standard classes.

NATPA points system will be used.

General Rules

1. Tractor year 1959 and older or production model that started in 1959.
2. Drivers less than 18 years of age must have written parental/guardian permission.
3. No use of alcoholic beverages will be permitted.
4. Drivers must stay on the seat of the tractor at all times.
5. Wheelie bars required. Bars must be able to support the FULL tractor weight. Pad to ground distance not to exceed 10" and bar should extend a minimum 3" from the furthest rear radius point of the tire.
6. Flywheel protection required via safety blanket or 6" wide x 3/8" thick steel wrapped around top circumference of exposed flywheel or top of bell housing.
7. No weight allowance will be given for blanket or shield.
8. Frame tie-in/ladder bars required and must be able to support tractor without bell housing. JD twins must tie rear axle housing to the front frame rails. Factory tub/frame rails (Allis WD or similar) are acceptable.
9. Any tractor or puller found to be unsafe or illegal may be disqualified or barred from hooking.
10. Any part falling off the tractor while on the track will result in disqualification.
11. Functioning kill switch required and will be tested before each event.
12. Any tractor running a C5 ignition must have the green tach feed wire available for rpm check.
13. Any rule challenges will be determined by host club and C5 Performance.
14. TIRES: Radials or Bias ply rubber tires. No steel, chains, or duals. Rear wheel drive only.
15. Any tire cut (top or full) is legal.
16. Speed cone distance will be set according to host group.
17. Hitch – Hooking point 3" wide x 3.5" deep minimum. 20" max hitch height, 18" from center of rear axle housing (or hub axle if tractor has portal axles).
18. Hitch top link must be in stock location or no higher than centerline of rear axle. Stock hitches must use the drawbar. Floating hitch must be pinned.
19. **Leading edge** of front weights must not exceed 11 ft from center of rear axle.
20. Any induction allowed including multi carburetors, fuel injection, and forced induction.
21. Turbo exhaust outlet must have two 0.375" (3/8") rods or bolts in a 90 degree cross pattern in case of failure.
22. Custom headers can be used, final exit must face upward or forward (turbo tractors must face upward).
23. Gasoline, 85% alcohol fuel blends (E85), or LP/CNG fuels only.

Pulling Classes

Light weight class

Tractors: Allis B/C/WC/WD, Case R/S/V, Cockshutt 20/30, CO-OP E2/E3, Farmall A/B/C/H/F12/F14 including Super models, Ford 960 series or smaller, John Deere A/B/H, Massey-Harris 81/101/102 Junior only, Moline R, Oliver 66/super 66/550/77

* Tractors of similar size/power may request to join this class.

Weight - 4250#

Speed – 6 mph

Tire size – 230 sq inch max (use Firestone tire chart or similar), any cut, Bias or Radial allowed.

Engine size – No limit.

Engine Block – Must use stock or direct replacement only (no auto/truck blocks).

RPM – 40% over manufactures rating per NATPA chart.

Medium weight class

Weight - 5250#

Speed – 6 mph

Tire size – 300 sq inch max (use Firestone tire chart or similar), Full cut, Bias or Radial allowed.

Engine size – No limit.

Engine Block – Must use stock or direct replacement only (no auto/truck blocks).

RPM – 40% over manufacturers rating per NATPA.

Heavy weight class

Weight - 6250#

Speed – 6 mph

Tire size – 300 sq inch max (use Firestone tire chart or similar), Full cut, Bias or Radial allowed.

Engine size – No limit.

Engine Block – Must use stock or direct replacement only (no auto/truck blocks).

RPM – 40% over manufacturers rating per NATPA.

Tire Chart:

11.2 x 38 - 120 sq. in. 12.4 x 38 - 140 sq. in. 13.6 x 38 - 168 sq. in.

11.2 x 36 - 115 sq. in. 12.4 x 36 - 135 sq. in. 14.9 x 28 - 170 sq. in.

12.4 x 28 - 126 sq. in. 13.6 x 28 - 145 sq. in. 13.6 x 24 - 130 sq. in.

14.9 x 26 - 144 sq. in. 14.9 x 38 - 200 sq. in. 18.4 x 34 - 284 sq. in.

18.4 x 38 - 300 sq. in. 15.5 x 38 - 189 sq. in. 16.9 x 38 - 252 sq. in.

16.9 x 34 - 229 sq. in. 18.4 x 28 - 250 sq. in.