

If the rule is in BLACK text, then it is the same as 2022. If the rule is in BLUE text, then it has been changed for 2023. If any future revisions are made it will be in RED text.

**Class Designation:** M/S

**General Safety:** All vehicles must conform with general WDRA safety rules.

**Turbo Crossbolts:** We highly recommend turbo crossbolts 3" from the turbine wheel for safety for 2023, however they will be mandatory in 2024.

**Engine Containment Device:** Engine diaper or catch pan device to capture oil and/or debris is mandatory. If a catch pan device is used, catch pan must have a minimum 2-inch-high lip on all sides. Lips must be covered or curved inward, so as to contain oil in pan. Catch pan must cover entire area below the engine. Catch pan must extend from radiator support to firewall and from frame rail to frame rail. In all cases, lips must be adequate enough to contain oil in the catch pan. Should a competitor spill excessive oil from the catch pan and debris onto the track, he or she may be disqualified from further competition at the sole and absolute discretion of the event director.

**Beam Tripper:** A front beam tripper is permitted but can only extend 45" forward of the centerline of the front wheel.

**Engine Coolant:** Only water is permitted in the coolant system. Antifreeze or other additives are prohibited.

**Hybrids:** Import engines in Domestic bodies or Domestic engines in Import bodies are prohibited. All cars must be either Import bodied/powered or Domestic bodied/powered.

**Body:** Any year vehicle is allowed. Lightweight components are limited to hood, front fenders, decklid, hatches, sunroofs, wings, ground effects, bumpers, doors, and roof only. Aftermarket doors must be factory appearing. Quarter panels must remain steel. One-piece front ends are not permitted. No body parts may be removed during competition.

**Chassis:** All cars must retain complete stock chassis, floorboard, firewall, and frame rails. Frame rails may be modified in front of the strut tower. Notching of chassis for clearance is permitted. Aftermarket "K" members are permitted. All cars can remove spare tire wheel well and cover with sheet metal.

**Suspension:** All cars must utilize stock front and rear suspension mounts. Suspension must be a direct bolt-in to factory location. Aftermarket front control arms, rear control arms, and sub-frame connectors are permitted. Aftermarket struts and shocks are permitted. Wheelie bars are prohibited on all cars.

**Lights:** Headlights and brake lights are required (one headlight may be removed for induction).

**Windows:** OEM glass or lexan windows are permitted. If you are using aftermarket doors or lexan windows, then a steel frame around the lexan window or a window latch is required.

**Interior:** Not Required.

**Exhaust:** Not Required.

**Driveline:** OEM or aftermarket center sections and rear-ends may be replaced only if is a direct bolt in. IRS suspension cars may convert to straight axle only if it is a direct bolt in.

**Fuel:** All fuels cannot exceed .799 specific gravity. Fuels will be checked with a digital specific gravity tester.

**Fuel System:** Electric or mechanical fuel pumps are permitted. Aftermarket fuel cells are permitted and may be mounted anywhere in vehicle. All cars must be equipped with a drain valve located on the return side of the fuel rail or regulator to facilitate the removal of fuel samples for fuel check purposes.

**Oiling System:** Any type oiling system is permitted.

**Tires:** Radials on a 15" wheel are limited to a 275/60/15 tire. Radials on a 17" or larger wheel can run any size tire. Slicks or DOT bias ply tires are limited to a 28.0" x 11.5W" (Tires are checked by sidewall designation)

**8-Cylinder Engines – Chevy LT, LS, LQ, and LY series**

**Engines:** Only the following small blocks are permitted: LT1, LT4, LT5, LS1, LS2, LS3, LS6, LS7, LS9, LSA, LQ4, LQ9, and LY6, series blocks only. Any OEM block or aftermarket cast block (Stock Deck Height) is permitted. Billet blocks are prohibited. Any internal engine modifications are permitted. Max CID is 427ci.

**Induction:** Engine may be EFI or carbureted. Aftermarket commercially available intakes are permitted on boosted cars (fabricated or sheet metal intakes prohibited).

**Cylinder Heads:** Aftermarket cylinder heads are permitted. Cylinder heads may be ported. Billet heads are prohibited.

**Transmission:** Manual or Auto transmissions are permitted. Any style automatic transmission is permitted. Trans-brakes are permitted. Manual transmissions are permitted to use aftermarket stock-style clutch-assisted transmissions. Sequential transmissions are prohibited. Aftermarket bell housings are permitted. Lock-Up converters are prohibited.

**Clutch:** The use of slider, adjustable, or slipper style clutch prohibited. Clutch must be manually operated by driver's foot.

**Shifter:** Shifter must be H-pattern. Strain gauges are permitted.

**Turbochargers:** Turbochargers are measured at the inducer wheel where the leading edge of the inducer wheel meets the housing. Compressor cover must be unmodified, it must be run the way it comes from the manufacturer. No modification of the surge port allowed. The contour from the inducer to the exducer must be continuous without steps. The use of restrictor plates, stepped inlet housings or reducers in an effort to limit compressor size opening is not acceptable. Compressor housing cannot be modified from the leading edge of the inducer to the trailing edge of the exducer. All inducer surge ports must be within 45° of perpendicular to the shaft and within 0.20" to the leading edge of the inducer. Cannot combine with nitrous oxide. Liquid intercoolers and air intercoolers are permitted. See table below for max turbocharger size.

**Superchargers:** Superchargers are permitted and must run off a serpentine belt. Cannot combine with nitrous oxide (nitrous may be combined with LSA, LT4 and LS9 superchargers only). Liquid intercoolers and air intercoolers are permitted. See table below for approved superchargers.

**Nitrous Oxide:** See table below for restrictions. Nitrous purge must exit engine bay. Nitrous "Push" systems are prohibited. Nitrous cannot be combined with a Turbocharger.

Power Adder	Max Displacement	Glide, TH400 & 4L80 Trans	6L80 & 6R80 Trans	8L90, 10L90 & 10R80 Trans	H-Pattern Manual Trans
Single T4 Turbo: Compressor 76.9mm Ind. / 116.9mm Exd. & Turbine 96.9mm Ind. / 88.9mm Exd.	427ci. Max	4125 lbs.	3875 lbs.	3825 lbs.	3725 lbs.
Single T4 Turbo: Compressor 86.9mm Ind. / 112.9mm Exd. & Turbine 89.9mm Ind. / 85.9mm Exd.	427ci. Max	4225 lbs.	3975 lbs.	3925 lbs.	3825 lbs.
Single T6 Turbo: Compressor 76.9mm Ind. / 116.9mm Exd. & Turbine 96.9mm Ind. / 88.9mm Exd.	427ci. Max	4250 lbs.	4000 lbs.	3950 lbs.	3850 lbs.
PAXTON: Novi 1200 VORTECH: S, Si, V-2 S-Trim, V-2 Si-Trim, V-3 Si-Trim ATI PROCHARGER: P1SC, P1SC-2, P1SC-H GM: LSA, LT4	427ci. Max	3700 lbs.	3450 lbs.	3400 lbs.	3300 lbs.
WHIPPLECHARGER: 2.9 PAXTON: Novi 2200 VORTECH: T, JT ATI PROCHARGER: D1SC, P1X GM: LS9	427ci. Max	3800 lbs.	3550 lbs.	3500 lbs.	3400 lbs.
ATI PROCHARGER: F-1A, D1X ANY 2650 TVS (MAGNUSON, VMP, EATON, etc.) GM: LT5	427ci. Max	3900 lbs.	3650 lbs.	3600 lbs.	3500 lbs.
WHIPPLECHARGER: 3.0 VORTECH: YS, YSI Trim, YSI-2200, V24-YSI Trim ATI PROCHARGER: F-1C, F-1A-91, F1-R	427ci. Max	4100 lbs.	3850 lbs.	3800 lbs.	3700 lbs.
ATI PROCHARGER: F-1A-94	427ci. Max	4400 lbs.	4150 lbs.	4100 lbs.	4000 lbs.

\* OEM cylinder heads: Deduct 50 lbs.

\* IRS cars: Deduct 50 lbs.

\* Turbocharged cars with cast inducer wheel: deduct 100 lbs.

\* Centrifugal Supercharged & Turbocharged cars with liquid intercooler: Add 100 lbs.

\* LSA & LT4 Supercharged cars with nitrous oxide (with a single .078 jet max): Add 300 lbs.

\* LS9 Supercharged cars with nitrous oxide (with a single .062 jet max): Add 300 lbs.

\* Boosted Cars with aftermarket block: Add 100 lbs.

If the rule is in BLACK text, then it is the same as 2022.

If the rule is in BLUE text, then it has been changed for 2023.

If any future revisions are made it will be in RED text.

**Cylinder Engines - Ford 5.0 & 5.2 Modular**

**Engine:** Only OEM 5.0 modular blocks are permitted. Any internal engine modifications are permitted. Max CID is 330ci.

**Induction:** Engine must be EFI. Aftermarket commercially available intakes only are permitted. No fabricated or sheet metal intakes.

**Cylinder Heads:** Un-Ported or Ported OEM cylinder heads only. GT350 Heads prohibited.

**Transmission:** Manual or Auto transmissions are permitted. Any style automatic transmission is permitted. Trans-brakes are permitted. Manual transmissions are permitted to use aftermarket stock-style clutch-assisted transmissions. Sequential transmissions are prohibited. Aftermarket bell housings are permitted.

**Clutch:** The use of slider, adjustable, or slipper style clutch prohibited. Clutch must be manually operated by driver's foot.

**Shifter:** Shifter must be H-pattern. Strain gauges are permitted.

**Turbochargers:** Turbochargers are measured at the inducer wheel where the leading edge of the inducer wheel meets the housing. Compressor cover must be unmodified, it must be run the way it comes from the manufacturer. No modification of the surge port allowed. The contour from the inducer to the exducer must be continuous without steps. The use of restrictor plates, stepped inlet housings or reducers in an effort to limit compressor size opening is not acceptable. Compressor housing cannot be modified from the leading edge of the inducer to the trailing edge of the exducer. All inducer surge ports must be within 45° of perpendicular to the shaft and within 0.20" to the leading edge of the inducer. Cannot combine with nitrous oxide. Liquid intercoolers and air intercoolers are permitted. See table below for max turbocharger size.

**Superchargers:** Superchargers are permitted and must run off a serpentine belt. Cannot combine with nitrous oxide. Liquid intercoolers and air intercoolers are permitted. See table below for approved superchargers.

**Nitrous Oxide:** Not permitted. All nitrous bottles and solenoids must be removed from car and nitrous nozzles must be capped.

Power Adder	Max Displacement	Glide, TH400 & 4L80 Trans	6L80 & 6R80 Trans	8L90, 10L90 & 10R80 Trans	H-Pattern Manual Trans
Single T4 Turbo: Compressor 76.9mm Ind. / 102.9mm Exd. & Turbine 89.9mm Ind. / 84.9mm Exd.	330ci. Max	3800 lbs.	3550 lbs.	3500 lbs.	3400 lbs.
Single T4 Turbo: Compressor 76.9mm Ind. / 116.9mm Exd. & Turbine 96.9mm Ind. / 88.9mm Exd.	330ci. Max	4125 lbs.	3875 lbs.	3825 lbs.	3725 lbs.
Single T4 Turbo: Compressor 86.9mm Ind. / 112.9mm Exd. & Turbine 89.9mm Ind. / 85.9mm Exd.	330ci. Max	4225 lbs.	3975 lbs.	3925 lbs.	3825 lbs.
Single T6 Turbo: Compressor 76.9mm Ind. / 116.9mm Exd. & Turbine 96.9mm Ind. / 88.9mm Exd.	330ci. Max	4250 lbs.	4000 lbs.	3950 lbs.	3850 lbs.
WHIPPLECHARGER: 2.9 PAXTON: Novi 2200 ANY 2650 TVS (MAGNUSON, VMP, EATON, etc.) VORTECH: T, JT ATI PROCHARGER: D1SC, P1X	330ci. Max	3900 lbs.	3650 lbs.	3600 lbs.	3500 lbs.
ATI PROCHARGER: F-1A, D1X	330ci. Max	4050 lbs.	3800 lbs.	3750 lbs.	3650 lbs.
WHIPPLECHARGER: 3.0 VORTECH: YS, YSI Trim, V24-YSI Trim ATI PROCHARGER: F-1C, F-1A-91	330ci. Max	4150 lbs.	3900 lbs.	3850 lbs.	3750 lbs.
WHIPPLECHARGER: 3.8	330ci. Max	4400 lbs.	4150 lbs.	4100 lbs.	4000 lbs.

\* IRS cars: Deduct 50 lbs.

\* Turbocharged cars with cast inducer wheel: deduct 100 lbs.

\* Centrifugal Supercharged & Turbocharged cars with liquid intercooler: Add 100 lbs.

**Cylinder Engines - Ford 5.4 & 5.8 Modular**

**Engine:** Only OEM 5.4 and 5.8 modular blocks are permitted. Any internal engine modifications are permitted. Max CID is 365ci.

**Induction:** Engine must be EFI. Aftermarket commercially available intakes only are permitted. No fabricated or sheet metal intakes.

**Cylinder Heads:** Un-Ported or Ported OEM cylinder heads only.

**Transmission:** Manual or Auto transmissions are permitted. Any style automatic transmission is permitted. Trans-brakes are permitted. Manual transmissions are permitted to use aftermarket stock-style clutch-assisted transmissions. Sequential transmissions are prohibited. Aftermarket bell housings are permitted.

**Clutch:** The use of slider, adjustable, or slipper style clutch prohibited. Clutch must be manually operated by driver's foot.

**Shifter:** Shifter must be H-pattern. Strain gauges are permitted.

**Turbochargers:** Turbochargers are measured at the inducer wheel where the leading edge of the inducer wheel meets the housing. Compressor cover must be unmodified, it must be run the way it comes from the manufacturer. No modification of the surge port allowed. The contour from the inducer to the exducer must be continuous without steps. The use of restrictor plates, stepped inlet housings or reducers in an effort to limit compressor size opening is not acceptable. Compressor housing cannot be modified from the leading edge of the inducer to the trailing edge of the exducer. All inducer surge ports must be within 45° of perpendicular to the shaft and within 0.20" to the leading edge of the inducer. Cannot combine with nitrous oxide. Liquid intercoolers and air intercoolers are permitted. See table below for max turbocharger size.

**Superchargers:** Superchargers are permitted and must run off a serpentine belt. Cannot combine with nitrous oxide. Liquid intercoolers and air intercoolers are permitted. See table below for approved superchargers.

**Nitrous Oxide:** Not permitted. All nitrous bottles and solenoids must be removed from car and nitrous nozzles must be capped.

Power Adder	Max Displacement	Glide, TH400 & 4L80 Trans	6L80 & 6R80 Trans	8L90, 10L90 & 10R80 Trans	H-Pattern Manual Trans
Single T4 Turbo: Compressor 76.9mm Ind. / 102.9mm Exd. & Turbine 89.9mm Ind. / 84.9mm Exd.	365ci. Max	3850 lbs.	3600 lbs.	3550 lbs.	3450 lbs.
Single T4 Turbo: Compressor 76.9mm Ind. / 116.9mm Exd. & Turbine 96.9mm Ind. / 88.9mm Exd.	365ci. Max	4125 lbs.	3875 lbs.	3825 lbs.	3725 lbs.
Single T4 Turbo: Compressor 86.9mm Ind. / 112.9mm Exd. & Turbine 89.9mm Ind. / 85.9mm Exd.	365ci. Max	4275 lbs.	4025 lbs.	3975 lbs.	3875 lbs.
Single T6 Turbo: Compressor 76.9mm Ind. / 116.9mm Exd. & Turbine 96.9mm Ind. / 88.9mm Exd.	365ci. Max	4300 lbs.	4050 lbs.	4000 lbs.	3900 lbs.
WHIPPLECHARGER: 2.9 PAXTON: Novi 2200 ANY 2650 TVS (MAGNUSON, VMP, EATON, etc.) VORTECH: T, JT ATI PROCHARGER: D1SC, P1X	365ci. Max	3950 lbs.	3700 lbs.	3650 lbs.	3550 lbs.
ATI PROCHARGER: F-1A, D1X	365ci. Max	4100 lbs.	3850 lbs.	3800 lbs.	3700 lbs.
WHIPPLECHARGER: 3.0 VORTECH: YS, YSI Trim, V24-YSI Trim ATI PROCHARGER: F-1C, F-1A-91	365ci. Max	4200 lbs.	3950 lbs.	3900 lbs.	3800 lbs.
WHIPPLECHARGER: 3.8	365ci. Max	4450 lbs.	4200 lbs.	4150 lbs.	4050 lbs.

\* IRS cars: Deduct 50 lbs.

\* Turbocharged cars with cast inducer wheel: deduct 100 lbs.

\* Cars with 340ci or smaller engines: Deduct 50 lbs.

\* Centrifugal Supercharged cars with liquid intercooler: Add 100 lbs.

If the rule is in BLACK text, then it is the same as 2022.

If the rule is in BLUE text, then it has been changed for 2023.

If any future revisions are made it will be in RED text.

**8-Cylinder Engines - Ford 4.6 Modular**

**Engine:** Any 4.6 block is permitted. Any internal engine modifications are permitted. Max CID is 302ci.

**Induction:** Engine must be EFI. Aftermarket commercially available intakes only are permitted. No fabricated or sheet metal intakes.

**Cylinder Heads:** Any OEM or Aftermarket cast cylinder head permitted. Ported cylinder heads permitted.

**Transmission:** Manual or Auto transmissions are permitted. Any style automatic transmission is permitted. Trans-brakes are permitted. Manual transmissions are permitted to use aftermarket stock-style clutch-assisted transmissions. Sequential transmissions are prohibited. Aftermarket bell housings are permitted.

**Clutch:** The use of slider, adjustable, or slipper style clutch prohibited. Clutch must be manually operated by driver's foot.

**Shifter:** Shifter must be H-pattern. Strain gauges are permitted.

**Turbochargers:** Turbochargers are measured at the inducer wheel where the leading edge of the inducer wheel meets the housing. Compressor cover must be unmodified, it must be run the way it comes from the manufacturer. No modification of the surge port allowed. The contour from the inducer to the exducer must be continuous without steps. The use of restrictor plates, stepped inlet housings or reducers in an effort to limit compressor size opening is not acceptable. Compressor housing cannot be modified from the leading edge of the inducer to the trailing edge of the exducer. All inducer surge ports must be within 45° of perpendicular to the shaft and within 0.20" to the leading edge of the inducer. Cannot combine with nitrous oxide. Liquid intercoolers and air intercoolers are permitted. See table below for max turbocharger size.

**Superchargers:** Superchargers are permitted and must run off a serpentine belt. Cannot combine with nitrous oxide. Liquid intercoolers and air intercoolers are permitted. See table below for approved superchargers.

**Nitrous Oxide:** Not permitted. All nitrous bottles and solenoids must be removed from car and nitrous nozzles must be capped.

Power Adder	Max Displacement	Glide, TH400 & 4L80 Trans	6L80 & 6R80 Trans	8L90, 10L90 & 10R80 Trans	H-Pattern Manual Trans
Single T4 Turbo: Compressor 76.9mm Ind. / 102.9mm Exd. & Turbine 89.9mm Ind. / 84.9mm Exd.	302ci. Max	3650 lbs.	3400 lbs.	3350 lbs.	3250 lbs.
Single T4 Turbo: Compressor 76.9mm Ind. / 116.9mm Exd. & Turbine 96.9mm Ind. / 88.9mm Exd.	302ci. Max	3950 lbs.	3700 lbs.	3650 lbs.	3550 lbs.
Single T4 Turbo: Compressor 86.9mm Ind. / 112.9mm Exd. & Turbine 89.9mm Ind. / 85.9mm Exd.	302ci. Max	4075 lbs.	3825 lbs.	3775 lbs.	3675 lbs.
Single T6 Turbo: Compressor 76.9mm Ind. / 116.9mm Exd. & Turbine 96.9mm Ind. / 88.9mm Exd.	302ci. Max	4100 lbs.	3850 lbs.	3800 lbs.	3700 lbs.
WHIPPLECHARGER: 2.9 PAXTON: Novi 2200 ANY 2650 TVS (MAGNUSON, VMP, EATON, etc.) VORTECH: T, JT ATI PROCHARGER: D1SC, P1X	302ci. Max	3600 lbs.	3350 lbs.	3300 lbs.	3200 lbs.
ATI PROCHARGER: F-1A, D1X	302ci. Max	3700 lbs.	3450 lbs.	3400 lbs.	3300 lbs.
WHIPPLECHARGER: 3.0 VORTECH: YS, YSI Trim, V24-YSI Trim ATI PROCHARGER: F-1C, F-1A-91	302ci. Max	3850 lbs.	3600 lbs.	3550 lbs.	3450 lbs.

\* IRS cars: Deduct 50 lbs.

\* Cars with 289ci or smaller engines: Deduct 50 lbs.

\* Turbocharged cars with cast inducer wheel: deduct 100 lbs.

\* Centrifugal Supercharged & Turbocharged cars with liquid intercooler: Add 100 lbs.

\* 3-Valve Cylinder Heads: Deduct 100 lbs.

\* 2-Valve Cylinder Heads: Deduct 200 lbs.