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Class Designation: M/S

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

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/powerd or Domestic bodied/powerd.

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

Engine: Only the following small blocks are permitted: LT1, LT4, LT5, LS1, LS2, LS3, LS6, LS7, LS9, LSA, LQ4, LQ9, and LY6, series blocks only. No aftermarket blocks are permitted. Any internal engine modifications are permitted. Max CID is 427ci.

Induction: Engine must be EFI or carbureted. Nitrous cars are permitted to run a single 4 cast manifold only (Tunnel Rams with 2x4 set-up prohibited). 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 (Nitrous Cars): Powerglide, TH400, 4L80, 6L80, 6L90, 8L90, or 10L90 automatic transmissions only are permitted. Trans-brakes are permitted. Manual transmissions are permitted to use any OEM or aftermarket stock-style clutch-assisted transmissions. Sequential transmissions are prohibited. Aftermarket bell housings are permitted.

Transmission (Boosted Cars): 6L80, 6L90, 8L90, or 10L90 automatic transmissions only are permitted. Trans-brakes are permitted. Manual transmissions are permitted to use any OEM or 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 diameter at the point where the leading edge of the compressor wheel meets the inlet housing. Compressor cover must be unmodified, it must be run the way it comes from the manufacturer. No porting of the surge port allowed. 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	Car & Driver Minimum Weight
NITROUS OXIDE: Limited to a Single Fogger System (with a .032 nitrous jet)	427ci. Max	3200 lbs.
(Compressor Wheel 76.9mm Inducer / 116.9mm Exducer) (Turbine Wheel 96.9 Inducer / 88.9 Exducer) T4 only	427ci. Max	3750 lbs.
(Compressor Wheel 86.9mm Inducer / 112.9mm Exducer) (Turbine Wheel 89.9 Inducer / 85.9 Exducer) T4 only	427ci. Max	3925 lbs.
(Compressor Wheel 76.9mm Inducer / 116.9mm Exducer) (Turbine Wheel 96.9 Inducer / 88.9 Exducer) T6 only	427ci. Max	3950 lbs.
(Compressor Wheel 80.9mm Inducer / 133.9mm Exducer) (Turbine Wheel 111.9 Inducer / 102.9 Exducer) T6 only	427ci. Max	4175 lbs.
WHIPPLECHARGER: 2.3 PAXTON: Novi 1200 ANY 2300 TVS (MAGNUSON, VMP, EATON, etc) 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	3400 lbs.
KENNE BELL: 2.8 WHIPPLECHARGER: 2.9 PAXTON: Novi 2200 VORTECH: T, JT ATI PROCHARGER: D1SC, P1X GM: LS9	427ci. Max	3500 lbs.
KENNE BELL: 3.6 ATI PROCHARGER: F-1, F-1D, F-1A, D1X ANY 2650 TVS (MAGNUSON, VMP, EATON, etc) GM: LT5	427ci. Max	3650 lbs.
WHIPPLECHARGER: 3.0 VORTECH: YS, YSI Trim, YSI-2200, V24-YSI Trim ATI PROCHARGER: F-1C-91, F-1A-91, F1-R	427ci. Max	3800 lbs.
ATI PROCHARGER: F-1A-94	427ci. Max	3950 lbs.
VORTECH: V-30 94B, YSI-B ATI PROCHARGER: F1-X	427ci. Max	4100 lbs.

- * Manual transmission: Deduct 50 lbs.
- * Nitrous Cars using a powerglide, TH400 or 4L80 transmission: Add 150 lbs.
- * OEM cylinder heads: Deduct 100 lbs.
- * IRS cars: Deduct 50 lbs.
- * Turbocharged cars with cast inducer wheel: deduct 100 lbs.
- * Nitrous LT1 & LT4 engines: Add 75 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.

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8-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 311ci.
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: 6R80 and 10R80 automatic transmissions only are permitted. Trans-brakes are permitted. Manual transmissions are permitted to use any OEM or 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 diameter at the point where the leading edge of the compressor wheel meets the inlet housing. Compressor cover must be unmodified, it must be run the way it comes from the manufacturer. No porting of the surge port allowed. 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	Car & Driver Minimum Weight
(Compressor Wheel 76.9mm Inducer / 102.9mm Exducer) (Turbine Wheel 89.9 Inducer / 84.9 Exducer) T4 only	330ci. Max	3650 lbs.
(Compressor Wheel 76.9mm Inducer / 116.9mm Exducer) (Turbine Wheel 96.9 Inducer / 88.9 Exducer) T4 only	330ci. Max	3850 lbs.
(Compressor Wheel 86.9mm Inducer / 112.9mm Exducer) (Turbine Wheel 89.9 Inducer / 85.9 Exducer) T4 only	330ci. Max	4025 lbs.
(Compressor Wheel 76.9mm Inducer / 116.9mm Exducer) (Turbine Wheel 96.9 Inducer / 88.9 Exducer) T6 only	330ci. Max	4050 lbs.
KENNE BELL: 2.8 WHIPPLECHARGER: 2.9 PAXTON: Novi 2200 ANY 2650 TVS (MAGNUSON, VMP, EATON, etc) VORTECH: T, JT ATI PROCHARGER: D1SC, P1X	330ci. Max	3700 lbs.
KENNE BELL: 3.6 ATI PROCHARGER: F-1, F-1D, F-1A, D1X	330ci. Max	3800 lbs.
WHIPPLECHARGER: 3.0 VORTECH: YS, YSI Trim, V24-YSI Trim ATI PROCHARGER: F-1C-91, F-1A-91	330ci. Max	3900 lbs.
WHIPPLECHARGER: 3.8	330ci. Max	4000 lbs.

* Manual transmission: Deduct 50 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: 6R80 and 10R80 automatic transmissions only are permitted. Trans-brakes are permitted. Manual transmissions are permitted to use any OEM or 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 diameter at the point where the leading edge of the compressor wheel meets the inlet housing. Compressor cover must be unmodified, it must be run the way it comes from the manufacturer. No porting of the surge port allowed. 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	Car & Driver Minimum Weight
(Compressor Wheel 76.9mm Inducer / 102.9mm Exducer) (Turbine Wheel 89.9 Inducer / 84.9 Exducer) T4 only	365ci. Max	3700 lbs.
(Compressor Wheel 76.9mm Inducer / 116.9mm Exducer) (Turbine Wheel 96.9 Inducer / 88.9 Exducer) T4 only	365ci. Max	3900 lbs.
(Compressor Wheel 86.9mm Inducer / 112.9mm Exducer) (Turbine Wheel 89.9 Inducer / 85.9 Exducer) T4 only	365ci. Max	4075 lbs.
(Compressor Wheel 76.9mm Inducer / 116.9mm Exducer) (Turbine Wheel 96.9 Inducer / 88.9 Exducer) T6 only	365ci. Max	4100 lbs.
KENNE BELL: 2.8 WHIPPLECHARGER: 2.9 PAXTON: Novi 2200 ANY 2650 TVS (MAGNUSON, VMP, EATON, etc) VORTECH: T, JT ATI PROCHARGER: D1SC, P1X	365ci. Max	3750 lbs.
KENNE BELL: 3.6 ATI PROCHARGER: F-1, F-1D, F-1A, D1X	365ci. Max	3850 lbs.
WHIPPLECHARGER: 3.0 KENNE BELL: 4.2 VORTECH: YS, YSI Trim, V24-YSI Trim ATI PROCHARGER: F-1C-91, F-1A-91	365ci. Max	3950 lbs.
WHIPPLECHARGER: 3.8	365ci. Max	4050 lbs.

* Manual transmission: Deduct 50 lbs.
 * Cars with 340ci or smaller engines: Deduct 50 lbs.
 * Centrifugal Supercharged cars with liquid intercooler: Add 100 lbs.