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

Class Designation: S/S

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

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. Notching of chassis for clearance is permitted. Aftermarket "K" members are permitted.

Suspension: All cars must utilize stock front and rear suspension and mounts. Aftermarket front control arms, rear control arms, and sub-frame connectors are permitted. Aftermarket struts and shocks are permitted. Ladder bars, four links, and 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.

Interior: Stock dashboard and full interior from front seats forward is required (passenger seat may be removed). Headliner is not required. Doors must have a factory or aftermarket skin of some type on the inside.

Exhaust: Muffler(s) are required unless vehicle is turbocharged. Exhaust may exit anywhere.

Driveline: Aftermarket axles, ring and pinions, final drive, spools, and differentials are permitted. Other 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.

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: Three discs maximum (any type of disk material is permitted). Clutch must be manually operated by driver's foot.

Shifter: Shifter must be H-pattern. Strain gauges are permitted. Air shifters are prohibited.

Fuel: Gasoline or any ethanol blended fuel is permitted. 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: Maximum size slick or bias ply tire is 28.0" x 11.5" or 28.0" x 10.5W. Any size DOT radial tire is permitted, except 315/60/15, 325/50/15, 295/55/15 or 295/60/15.

Engine Containment Device: Engine diaper or catch pan device to capture oil and/or debris in the event of engine failure mandatory. If a catch pan device is used, catch pan must employ minimum 2-inch-high lips 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.

6-Cylinder Engines – Buick

Engine: Any internal engine modifications are permitted. Aftermarket blocks are prohibited.

Induction: Engine must be EFI. Stock style EFI intake manifolds with a forward facing throttle body only are permitted. No fabricated or sheet metal intakes.

Turbochargers: Turbochargers are measured at the inducer wheel where the leading edge of the inducer wheel meets the housing. 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 perpendicular to the shaft and limited in location to the leading edge of the inducer. See chart below for turbo size restrictions.

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

Intercooling: Air intercoolers only are permitted. Water injection is permitted. Methanol injection is prohibited.

| Maximum Turbocharger | Nitrous Oxide | Car & Driver Minimum Weight |
|---|--------------------|-----------------------------|
| 76.9 mm single (Compressor Exducer 116.9mm Max) T4 Max Size | Nitrous Prohibited | 3200 lbs. (Revised 9-5-17) |

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

Engine: Only the following small blocks are permitted: LT1, LT4, LS1, LS2, LS3, LS6, LS7, LS9, LSA, LQ4, LQ9, and LY6, series blocks only. Aftermarket blocks are permitted. Billet blocks are prohibited. Any internal engine modifications are permitted. Max CID is 440ci.

Induction: Engine must be EFI or carbureted. Aftermarket commercially available intakes only are permitted. Carb style intakes are only permitted on naturally aspirated or nitrous cars. No fabricated or sheet metal intakes.

Cylinder Heads: Aftermarket cylinder heads are permitted. Cylinder heads may be ported. Canted valve heads and billet heads are prohibited (canted valve heads are permitted on naturally aspirated engines only)

Turbochargers: Turbochargers are measured at the inducer wheel diameter at the point where the leading edge of the compressor wheel meets the inlet housing. Cannot combine with nitrous oxide. Liquid intercoolers and air intercoolers are permitted. See table below for max turbocharger size.

Superchargers: Cannot combine with nitrous oxide (nitrous may be combined with LSA 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.

| Power Adder | Max Displacement | Car & Driver Minimum Weight |
|---|-----------------------|-----------------------------|
| NATURALLY ASPIRATED | 450ci. Max | 3150 lbs. |
| NITROUS OXIDE: Limited to a single stage fogger system (with a .036 nitrous jet) | Up to 408ci. | 3000 lbs. |
| NITROUS OXIDE: Limited to a single plate (with a single .120 nitrous jet) | Up to 408ci. | 3000 lbs. |
| NITROUS OXIDE: Limited to a single plate (with a single .098 nitrous jet) | 409 ci. - 440 ci. Max | 3300 lbs. |
| TURBOCHARGER: 76.9mm (Compressor Exducer 116.9mm Max) T4 Max Size (Downpipe cannot exceed 4" diameter) | 427ci. Max | 3375 lbs. |
| KENNE BELL: 2.1, 2.6 WHIPPLECHARGER: 2.3 PAXTON: Novi 1000, 1200 ANY MAGNUSON, EATON, OR TVS VORTECH: V-1 A, B, S, Si, V-2 S-Trim, V-2 Si-Trim, V-3 Si-Trim ATI PROCHARGER: P1SC, P1SC-2, P1SC-H GM: LSA, ZR1 | 427ci. Max | 3100 lbs. |
| KENNE BELL: 2.8 WHIPPLECHARGER: 2.9 PAXTON: Novi 2000, 2200 | 427ci. Max | 3200 lbs. |
| VORTECH: T, JT ATI PROCHARGER: D1SC, D1, D1R | 427ci. Max | 3350 lbs. |
| KENNE BELL: 3.6 WHIPPLECHARGER: 3.4 ATI PROCHARGER: F-1, F-1D, F-1A | 427ci. Max | 3500 lbs. |
| WHIPPLECHARGER: 4.0 VORTECH: YS, YSI Trim, V24-YSI Trim ATI PROCHARGER: F-1C-91, F-1A-91 | 427ci. Max | 3500 lbs. |

* Supercharged cars with 395ci or smaller engines: Deduct 50 lbs.

* Manual transmission: Deduct 100 lbs.

* OEM cylinder heads: Deduct 75 lbs.

* IRS cars: Deduct 50 lbs.

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

* GM LSA Supercharged cars with nitrous oxide (no jet limit): Add 300 lbs.

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8-Cylinder Engines - Ford 302W

Engine: Any 302 style 8.2 deck block is permitted. Any internal engine modifications are permitted. Max CID is 347ci.
Induction: Engine may be EFI or carbureted. Maximum carb size 750cfm. Aftermarket commercially available intakes only are permitted. No fabricated or sheet metal intakes.
Cylinder Heads: Inline cylinder heads only are permitted with stock valve angles. Cylinder heads may be ported.
Turbochargers: Not permitted.
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: See table below for restrictions. Nitrous purge must exit engine bay. Nitrous "Push" systems are prohibited.

| Power Adder | Max Displacement | Car & Driver Minimum Weight |
|--|------------------|-----------------------------|
| NITROUS OXIDE: Limited to a single plate (with a single .110 nitrous jet) | 347ci. Max | 2600 lbs. |
| NITROUS OXIDE: Limited to a single plate (with a single .120 nitrous jet) | 347ci. Max | 2700 lbs. |
| PAXTON: Novi 1000, 1200 VORTECH: V-1 A, B, S, Si, V-2 S-Trim, V-2 Si-Trim, V-3 Si-Trim ATI PROCHARGER: P1SC, P1SC-2, P1SC-H | 347ci. Max | 2800 lbs. |
| PAXTON: Novi 2000, 2200 VORTECH: T, JT ATI PROCHARGER: D1SC, D1, D1R | 347ci. Max | 2950 lbs. |

* Manual transmission: Deduct 100 lbs.
 * 311ci or smaller engines: Deduct 150 lbs.

8-Cylinder Engines - Ford 5.0 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.
Turbochargers: Turbochargers are measured at the inducer wheel diameter at the point where the leading edge of the compressor wheel meets the inlet housing. 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 |
|---|------------------|-----------------------------|
| TURBOCHARGER: 76.9mm (Compressor Exducer 116.9mm Max) T4 Max Size (Downpipe cannot exceed 4" diameter) | 311ci. Max | 3450 lbs. |
| KENNE BELL: 2.1, 2.6 WHIPPLECHARGER: 2.3 PAXTON: Novi 1000, 1200 ANY MAGNUSON, EATON, OR TVS VORTECH: V-1 A, B, S, Si, V-2 S-Trim, V-2 Si-Trim, V-3 Si-Trim ATI PROCHARGER: P1SC, P1SC-2, P1SC-H | 311ci. Max | 3000 lbs. |
| KENNE BELL: 2.8 WHIPPLECHARGER: 2.9 PAXTON: Novi 2000, 2200 VORTECH: T, JT ATI PROCHARGER: D1SC, D1, D1R | 311ci. Max | 3200 lbs. |
| KENNE BELL: 3.6 WHIPPLECHARGER: 3.4 ATI PROCHARGER: F-1, F-1D, F-1A | 311ci. Max | 3300 lbs. |
| WHIPPLECHARGER: 4.0 VORTECH: YS, YSI Trim, V24-YSI Trim ATI PROCHARGER: F-1C-91, F-1A-91 | 311ci. Max | 3400 lbs. |

* Manual transmission: Deduct 100 lbs.
 * Turbocharged cars with cast inducer wheel: deduct 100 lbs.
 * Centrifugal Supercharged & Turbocharged cars with liquid intercooler: Add 100 lbs.

8-Cylinder Engines - Ford 5.4 Modular and Ford 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.
Turbochargers: Not permitted.
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 |
|---|------------------|-----------------------------|
| KENNE BELL: 2.1, 2.6 WHIPPLECHARGER: 2.3 PAXTON: Novi 1000, 1200 ANY MAGNUSON, EATON, OR TVS VORTECH: V-1 A, B, S, Si, V-2 S-Trim, V-2 Si-Trim, V-3 Si-Trim ATI PROCHARGER: P1SC, P1SC-2, P1SC-H | 365ci. Max | 3050 lbs. |
| KENNE BELL: 2.8 WHIPPLECHARGER: 2.9 PAXTON: Novi 2000, 2200 VORTECH: T, JT ATI PROCHARGER: D1SC, D1, D1R | 365ci. Max | 3250 lbs. |
| KENNE BELL: 3.6 WHIPPLECHARGER: 3.4 ATI PROCHARGER: F-1, F-1D, F-1A | 365ci. Max | 3350 lbs. |
| WHIPPLECHARGER: 4.0 VORTECH: YS, YSI Trim, V24-YSI Trim ATI PROCHARGER: F-1C-91, F-1A-91 | 365ci. Max | 3450 lbs. |

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

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8-Cylinder Engines - Ford 4.6 Modular (4-Valve)

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: Un-Ported or Ported OEM cylinder heads only.
Turbochargers: Turbochargers are measured at the inducer wheel diameter at the point where the leading edge of the compressor wheel meets the inlet housing. 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 |
|---|------------------|-----------------------------|
| TURBOCHARGER: 76.9mm (Compressor Exducer 116.9mm Max) T4 Max Size (Downpipe cannot exceed 4" diameter) | 302ci. Max | 3300 lbs. |
| KENNE BELL: 2.1, 2.6 WHIPPLECHARGER: 2.3 PAXTON: Novi 1000, 1200 ANY MAGNUSON, EATON, OR TVS VORTECH: V-1 A, B, S, Si, V-2 S-Trim, V-2 Si-Trim, V-3 Si-Trim ATI PROCHARGER: P1SC, P1SC-2, P1SC-H | 302ci. Max | 2800 lbs. |
| KENNE BELL: 2.8 WHIPPLECHARGER: 2.9 PAXTON: Novi 2000, 2200 VORTECH: T, JT ATI PROCHARGER: D1SC, D1, D1R | 302ci. Max | 2900 lbs. |
| KENNE BELL: 3.6 WHIPPLECHARGER: 3.4 ATI PROCHARGER: F-1, F-1D, F-1A | 302ci. Max | 3000 lbs. |
| WHIPPLECHARGER: 4.0 VORTECH: YS, YSI Trim, V24-YSI Trim ATI PROCHARGER: F-1C-91, F-1A-91 | 302ci. Max | 3150 lbs. |

- * Manual transmission: Deduct 100 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.

8-Cylinder Engines - Ford 4.6 Modular (3-Valve)

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: Un-Ported or Ported OEM cylinder heads only.
Turbochargers: Turbochargers are measured at the inducer wheel diameter at the point where the leading edge of the compressor wheel meets the inlet housing. 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 |
|---|------------------|-----------------------------|
| TURBOCHARGER: 76.9mm (Compressor Exducer 116.9mm Max) T4 Max Size (Downpipe cannot exceed 4" diameter) | 302ci. Max | 3200 lbs. |
| KENNE BELL: 2.1, 2.6 WHIPPLECHARGER: 2.3 PAXTON: Novi 1000, 1200 ANY MAGNUSON, EATON, OR TVS VORTECH: V-1 A, B, S, Si, V-2 S-Trim, V-2 Si-Trim, V-3 Si-Trim ATI PROCHARGER: P1SC, P1SC-2, P1SC-H | 302ci. Max | 2700 lbs. |
| KENNE BELL: 2.8 WHIPPLECHARGER: 2.9 PAXTON: Novi 2000, 2200 VORTECH: T, JT ATI PROCHARGER: D1SC, D1, D1R | 302ci. Max | 2800 lbs. |
| WHIPPLECHARGER: 3.4 ATI PROCHARGER: F-1, F-1D, F-1A | 302ci. Max | 2900 lbs. |
| VORTECH: YS, YSI Trim, V24-YSI Trim ATI PROCHARGER: F-1C-91, F-1A-91 | 302ci. Max | 3050 lbs. |

- * Manual transmission: Deduct 100 lbs.
- * Turbocharged cars with cast inducer wheel: deduct 100 lbs.
- * Cars with 289ci or smaller engines: Deduct 50 lbs.
- * Centrifugal Supercharged & Turbocharged cars with liquid intercooler: Add 100 lbs.

8-Cylinder Engines - Ford 4.6 Modular (2-Valve)

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: OEM cylinder heads, Ford Racing SVO 2v cylinder heads, or Trickflow 2v cylinder heads are permitted. Cylinder heads may be Un-Ported or Ported.
Turbochargers: Turbochargers are measured at the inducer wheel diameter at the point where the leading edge of the compressor wheel meets the inlet housing. 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 |
|---|------------------|-----------------------------|
| TURBOCHARGER: 76.9mm (Compressor Exducer 116.9mm Max) T4 Max Size (Downpipe cannot exceed 4" diameter) | 302ci. Max | 3100 lbs. |
| KENNE BELL: 2.1, 2.6 WHIPPLECHARGER: 2.3 PAXTON: Novi 1000, 1200 ANY MAGNUSON, EATON, OR TVS VORTECH: V-1 A, B, S, Si, V-2 S-Trim, V-2 Si-Trim, V-3 Si-Trim ATI PROCHARGER: P1SC, P1SC-2, P1SC-H | 302ci. Max | 2600 lbs. |
| KENNE BELL: 2.8 WHIPPLECHARGER: 2.9 PAXTON: Novi 2000, 2200 VORTECH: T, JT ATI PROCHARGER: D1SC, D1, D1R | 302ci. Max | 2700 lbs. |
| WHIPPLECHARGER: 3.4 ATI PROCHARGER: F-1, F-1D, F-1A | 302ci. Max | 2800 lbs. |
| VORTECH: YS, YSI Trim, V24-YSI Trim ATI PROCHARGER: F-1C-91, F-1A-91 | 302ci. Max | 2950 lbs. |

- * Manual transmission: Deduct 100 lbs.
- * Turbocharged cars with cast inducer wheel: deduct 100 lbs.
- * Cars with 289ci or smaller engines: Deduct 50 lbs.
- * Centrifugal Supercharged & Turbocharged cars with liquid intercooler: Add 100 lbs.