

# 2011 RULEBOOK TRUE STREET (DOMESTIC)

REVISED 10/24/11

**Class Designation:** The class designation is: T/S

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

**Body:** Any year vehicle is allowed. Lightweight components are limited to hood, front fenders, decklid, hatches, sunroofs, wings, ground effects, and bumpers only. Roof, Quarter panels, and doors 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:** All windows must be OEM glass.

**Interior:** Stock dashboard and full interior from front seats forward is required (passenger seat may be removed). Aftermarket seats, gauges, and interior are permitted.

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

**Electronics:** Two-steps, data loggers, aftermarket ECU's, and engine management systems are allowed.

**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 it 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 and electric shifters are prohibited.

**Fuel:** Gasoline and E-85 permitted. Alcohol is prohibited.

**Fuel System:** Electric fuel pumps only are permitted. Aftermarket fuel cells are permitted, and may be mounted anywhere.

**Oiling System:** Dry sump oil system or external oil pumps prohibited unless OEM equipped and engine is using complete OEM oiling system

**Tires:** Maximum size slick or bias ply tire is 28.0" x 11.5". Any size DOT radial tire is permitted, except 315/60/15, 325/50/15, 295/55/15, or 295/60/15.

## 6-Cylinder Engines – Buick

**Engine:** Any internal engine modifications are permitted. Motor swaps of same manufacturer or different manufacturers are allowed as long as they meet weight requirements. Aftermarket blocks are prohibited.

**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:** Nitrous Oxide is prohibited. Bottles and solenoids must be removed from car and nitrous nozzles must be capped if not allowed.

**Intercooling:** Air intercoolers only are permitted. Water injection is permitted. Methanol injection is permitted, but must be injected into the charge pipes before the throttle body.

**Induction:** EFI or carburetors are permitted. Any style intake is permitted.

Maximum Turbocharger	Nitrous Oxide	Car & Driver Minimum Weight
72.9 mm single	Nitrous Prohibited	3600 lbs.

## 8-Cylinder Engines – Chevy LS & LQ series

**Engine:** Only the following factory blocks are permitted: LS1, LS2, LS3, LS6, LS7, LQ9, and LQ4 series blocks only. Any internal engine modifications are permitted. Max CID is 427ci.

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

**Cylinder Heads:** Aftermarket cylinder heads are permitted. Canted valve heads, C5R heads, and billet heads are prohibited.

**Power Adders:** Turbochargers, Superchargers, and Nitrous Oxide are prohibited. All nitrous bottles and solenoids must be removed from car and nitrous nozzles must be capped.

Block	Cylinder Heads	Max Displacement	Car & Driver Minimum Weight
LS or LQ	Aftermarket cylinder head.....Porting Permitted	346ci - 376ci.	2800 lbs.
LS or LQ	Aftermarket cylinder head.....Porting Permitted	377ci - 410ci.	3000 lbs.
LS or LQ	Aftermarket cylinder head.....Porting Permitted	411ci - 427ci.	3200 lbs.

OEM cylinder heads: Deduct 100 lbs.

## 8-Cylinder Engines - Ford 302W

**Engine:** Any 302 style 8.2 deck block is permitted. Any internal engine modifications are permitted. Max CID is 350ci.

**Induction:** Engine must be EFI (Carburetor is only permitted if engine is less than 311ci). 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.

**Power Adders:** Turbochargers, Superchargers, and Nitrous Oxide are prohibited. All nitrous bottles and solenoids must be removed from car and nitrous nozzles must be capped.

Block	Cylinder Heads	Max Displacement	Car & Driver Minimum Weight
302W	Any cylinder head.....Porting Permitted	Up to 311ci.	2550 lbs.
302W	Any cylinder head.....Porting Permitted	312ci. - 331ci.	2750 lbs.
302W	Any cylinder head.....Porting Permitted	332ci. - 350ci. max.	2950 lbs.

\* Engines less than 311ci with Carburetor: add 50 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 340ci.

**Induction:** Any type intakes are permitted.

**Cylinder Heads:** Inline cylinder heads only are permitted with stock valve angles.

**Power Adders:** Turbochargers, Superchargers, and Nitrous Oxide are prohibited. All nitrous bottles and solenoids must be removed from car and nitrous nozzles must be capped.

Block	Cylinder Heads	Max Displacement	Car & Driver Minimum Weight
5.0 Modular	4-valve cylinder head.....Porting Permitted	Up to 340ci.	2950 lbs.

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## 8-Cylinder Engines - Ford 4.6 Modular

**Engine:** Only OEM 4.6 modular blocks are permitted. Any internal engine modifications are permitted. Max CID is 302ci.

**Induction:** Any type intakes are permitted.

**Cylinder Heads:** Inline cylinder heads only are permitted with stock valve angles.

**Power Adders:** Turbochargers, Superchargers, and Nitrous Oxide are prohibited. All nitrous bottles and solenoids must be removed from car and nitrous nozzles must be capped.

Block	Cylinder Heads	Max Displacement	Car & Driver Minimum Weight
4.6 Modular	2-valve cylinder head.....Porting Permitted	Up to 302ci.	2450 lbs.
4.6 Modular	3-valve cylinder head.....Porting Permitted	Up to 302ci.	2750 lbs.
4.6 Modular	4-valve cylinder head.....Porting Permitted	Up to 289ci.	2700 lbs.
4.6 Modular	4-valve cylinder head.....Porting Permitted	290ci. - 302ci. max	2990 lbs.

**Crossover Class:** These classes run under their own set of rules and ignore all rules above. There may be a small adjustment for some classes. (If you have ever competed in any of the classes below at that sanctioned event, you must run under the Crossover rules)

Series	Series Website	Class Name	Adjustments
NMRA	nmradigital.com	Pure Street	Deduct 500 lbs.
NMCA	nmcadigital.com	Mean Street	Deduct 400 lbs. May also run any type or size radial tire or a 26' x 10.5" slick.
IHRA	lhra.com	Stock BB/FIA	Deduct 400 lbs.