

If the rule is in BLACK text, then it is the same as 2018. If the rule is in BLUE text, then it has been changed for 2019. If any future revisions are made it will be in RED text.

**Class Designation:** T/S

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

**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:** Must have an import body or a domestic sport compact 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).

**Front Windshield:** The front windshield must be either OEM glass or factory appearing polycarbonate windows (For example: Optic Armor, Pro Glass, & Shields type windshield). If factory appearing polycarbonate windshield is used, then it must appear exactly like a factory installed OEM windshield and be at least a 1/4" thick. Tech should not be able to tell the difference. Visible braces are not allowed on front windshield. Screws or rivets on front windshield are permitted but cannot be visible and must be hidden under the factory trim molding.

**Side & Rear Windows:** OEM glass or lexan side and rear windows are permitted. Braces, screws and rivets are permitted on side and rear windows. If you are using aftermarket doors or lexan windows, then a steel frame around the lexan window or a window latch is required.

**Interior:** Stock or aftermarket dashboard is required.

**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/Shifter:** Manual or Auto transmissions are permitted. Aftermarket bell housings are permitted. Air shifters are prohibited on all transmissions.

- Any style automatic transmission is permitted. Trans-Brakes are permitted.
- Aftermarket stock-style clutch-assisted manual transmissions with H-Pattern shifter permitted. Strain gauges are permitted.
- Clutchless/Sequential transmissions are permitted on RWD cars only (with a weight penalty).

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

**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. Nitrous cars (no turbo) can run any fuel.

**Fuel System:** Electric or mechanical fuel pumps are permitted. Piston engines are limited to a maximum of two injectors per cylinder. Rotary engines are limited to 10 injectors total. 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.

**Engine:** OEM or Aftermarket blocks are permitted.

**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:** Any style nitrous oxide system is permitted for combinations that allow nitrous oxide. If nitrous oxide is not permitted for your combination, then bottles and solenoids must be removed from car and nitrous nozzles must be capped.

**Intercooling:** 4-cylinder and 6-cylinder cars must run air intercoolers only. 2-rotor cars may run liquid intercoolers. Water injection is permitted. Methanol injection is permitted, but must be injected into the charge pipes before the throttle body.

**Tires:** All tires are checked by sidewall designation. See slick and DOT bias ply tire size restrictions below. Any size DOT radial tire is permitted, except 315/60/15, 325/50/15, 295/55/15, or 295/60/15.

FWD: Maximum size slick or DOT bias ply tire is 25.0" x 9.5"

AWD & RWD: Maximum size slick or DOT bias ply tire is 28.0" x 11.5"W

**Engine Containment Device:** Engine diaphragm or catch pan device to capture oil and/or debris in the event of engine and/or transmission failure mandatory. Where exhaust header passes directly under oil pan, a two-piece diaphragm may be utilized. 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/transmission. 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.

| Engine  | Driveline | Transmission   | Maximum Turbocharger | Nitrous Oxide      | Car & Driver Minimum Weight |
|---------|-----------|----------------|----------------------|--------------------|-----------------------------|
| 2-rotor | RWD       | Manual or Auto | 76.9 mm single       | Nitrous Prohibited | 2550 lbs.                   |
| 2-rotor | RWD       | Manual or Auto | 80.9 mm single       | Nitrous Prohibited | 2700 lbs.                   |

\* Turbocharged cars with cast inducer wheel: deduct 100 lbs.  
 \* RWD Cars with Clutchless/Sequential transmission: add 150 lbs.

| Engine     | Driveline | Transmission   | Maximum Turbocharger  | Nitrous Oxide      | Car & Driver Minimum Weight |
|------------|-----------|----------------|---|--------------------|-----------------------------|
| 4-cylinder | FWD       | Manual or Auto | None  | Nitrous ok         | 1700 lbs.                   |
| 4-cylinder | FWD       | Manual or Auto | 62.9 mm single  | Nitrous Prohibited | 2200 lbs.                   |
| 4-cylinder | FWD       | Manual or Auto | 67.9 mm single (Compressor Exducer 94.9mm Max)  | Nitrous Prohibited | 2300 lbs.                   |
| 4-cylinder | FWD       | Manual or Auto | 67.9 mm single (Compressor Exducer 102.9mm Max)   | Nitrous Prohibited | 2400 lbs.                   |
| 4-cylinder | FWD       | Manual or Auto | 73.9 mm single (Cast Compressor Exducer 106.9mm Max or Billet Compressor Exducer 102.9mm Max) | Nitrous Prohibited | 2800 lbs.                   |
| 4-cylinder | AWD       | Manual or Auto | 62.9 mm single  | Nitrous Prohibited | 2550 lbs.                   |
| 4-cylinder | AWD       | Manual or Auto | 67.9 mm single (Compressor Exducer 102.9mm Max)   | Nitrous Prohibited | 2750 lbs.                   |
| 4-cylinder | RWD       | Manual         | 62.9 mm single  | Nitrous Prohibited | 2550 lbs.                   |
| 4-cylinder | RWD       | Manual         | 67.9 mm single (Compressor Exducer 102.9mm Max)   | Nitrous Prohibited | 2750 lbs.                   |

\* Turbocharged cars with cast inducer wheel: deduct 100 lbs.  
 \* SOHC cars: deduct 400 lbs.  
 \* VW engines: deduct 400 lbs.  
 \* Automatic Cars without a Trans-brake: deduct 100 lbs.  
 \* RWD Cars with Clutchless/Sequential transmission: add 150 lbs.

| Engine          | Driveline | Transmission   | Maximum Turbocharger  | Nitrous Oxide      | Car & Driver Minimum Weight |
|-----------------|-----------|----------------|---|--------------------|-----------------------------|
| 5 or 6-cylinder | FWD       | Manual or Auto | 73.9 mm single  | Nitrous Prohibited | 2400 lbs.                   |
| 6-cylinder      | AWD       | Manual or Auto | 76.9 mm single  | Nitrous Prohibited | 2800 lbs.                   |
| 6-cylinder      | AWD       | Manual or Auto | 58.9 mm twins   | Nitrous Prohibited | 3950 lbs.                   |
| 6-cylinder      | AWD       | Manual or Auto | 62.9 mm twins   | Nitrous Prohibited | 4100 lbs.                   |
| 6-cylinder      | RWD       | Manual         | 76.9 mm single  | Nitrous Prohibited | 3250 lbs.                   |
| 6-cylinder      | RWD       | Auto           | 67.9 mm single (Compressor Exducer 102.9mm Max) T4 Max Size | Nitrous Prohibited | 3300 lbs.                   |
| 6-cylinder      | RWD       | Auto           | 72.9 mm single (Compressor Exducer 106.9mm Max) T4 Max Size | Nitrous Prohibited | 3500 lbs.                   |
| 6-cylinder      | RWD       | Auto           | 76.9 mm single (Compressor Exducer 116.9mm Max) T4 Max Size | Nitrous Prohibited | 3700 lbs.                   |

\* Turbocharged cars with cast inducer wheel: deduct 100 lbs.  
 \* Automatic Cars without a Trans-brake: deduct 100 lbs.  
 \* RWD cars with automatic transmission and 3.2/3.4 stroker engine: add 250 lbs.  
 \* RWD Cars with Clutchless/Sequential transmission: add 150 lbs.