

If the rule is in **BLACK** text, then it is the same as 2023. If the rule is in **BLUE** text, then it has been changed for 2024. If any future revisions are made it will be in **RED** text.

**Class Designation:** XFWD

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

**Turbo Crossbolts:** Turbo crossbolts 3" from the turbine wheel is mandatory.

**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:** 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).

**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.

**Driveline:** FWD Cars only. Aftermarket axles, ring and pinions, final drive, spools, and differentials are permitted.

**Transmission:** Aftermarket bell housing is permitted on all transmissions.

- Automatic Transmission: All cars can run any style automatic transmission. Trans-brakes are permitted. Lock-Up converters are prohibited.
- H-Pattern Manual Transmission: All cars can run any aftermarket stock-style clutch-assisted manual transmissions with H-Pattern shifter. Strain gauges are permitted on all cars.
- Sequential Transmission: All cars can run a sequential transmission. Strain gauges are permitted on all cars.

**Shifter:** Any type of automated shifter is prohibited. The driver must push or pull the lever.

**Clutch:** Clutch must be manually operated by driver's foot. Any style clutch is permitted.

**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.

**Engine:** OEM or Aftermarket blocks are permitted. The engine must be mounted in transverse location.

**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. 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:** Air intercoolers only. Water injection is permitted. Methanol injection is permitted.

**Tires:** All tires are checked by sidewall designation. See size restrictions below:

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

Engine	Driveline	Transmission	Maximum Turbocharger	Nitrous Oxide	Car & Driver Min Weight
4-cylinder, 5-cylinder, 6-cylinder	FWD	Manual, Auto or DCT	Compressor: Ind 64.9mm & Exd 88.9mm max (Single Turbo) Exd tip can be 69.9 max at back disk	Nitrous ok	2250 lbs.
4-cylinder, 5-cylinder, 6-cylinder	FWD	Manual, Auto or DCT	Compressor: Ind 67.9mm & Exd 102.9mm max (Single Turbo) Exd tip can be 104.9 max at back disk	Nitrous ok	2350 lbs.
4-cylinder, 5-cylinder, 6-cylinder	FWD	Manual, Auto or DCT	Compressor: Ind 73.9mm & Exd 102.9mm max (Single Turbo) Exd tip can be 104.9 max at back disk	Nitrous ok	2400 lbs.
* Turbocharged cars with cast inducer wheel: deduct 100 lbs. * SOHC cars: deduct 400 lbs. * Automatic Cars without a Trans-brake: deduct 100 lbs. * Cars using nitrous: add 100 lbs.					