

## Extreme 4 / FWD

Rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These rules shall govern all events, and by participating in these events, all participants are deemed to have complied with these rules. NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATIONS OF OR COMPLIANCE WITH THESE RULES and REGULATIONS. They are a guide and are in no way a guarantee against injury or death to a participant, spectator, or official. Cherokee Speedway retains the right to make all decisions and reserves the right to make any rule changes/amendments with dispute or appeal.

ALL VEHICLES MUST BE STOCK AND UNALTERED AS DELIVERED FROM FACTORY UNLESS OTHERWISE STATED

1. 1980 OR newer front wheel drive, 4-cylinder passenger cars only. No all-wheel drive or all wheel steering allowed. No vans or pickup trucks.
2. Body must maintain original dimensions, standard as from the manufacturer. Sheet metal bodies may be used but must remain stock appearing and maintain stock body lines. Aftermarket nose and tail may be used but must maintain original dimensions within reason. Horizontal trunk lid surface must be covered, rear may be open. Aftermarket wing/spoiler OK on rear of car.
3. Front fire wall must have all holes covered with sheet metal or aluminum material. Fabricated dash and interior boxing OK, must be sheet metal or aluminum ONLY, and must have two access holes for inspection purposes. Floor pan, front and rear interior wheel wells must remain stock. If stock fuel tank is used, trunk pan must be in place. If stock fuel tank is behind the rear axle, it must be replaced with a fuel cell enclosed in a steel can, be mounted securely in center of trunk, and have a fabricated rear firewall made out of sheet metal or aluminum ONLY.
4. All glass and interior trim must be removed. All flammable material must be removed.
5. Fuel Rule - Pump Gas Only. No E-85. Only petroleum-based unleaded or leaded gasoline as defined by the American Society of Testing and Materials is permitted. The only oxygenates permitted are MTBE and ethanol alcohol in the same levels as that are found in pump gasoline.

6. All vehicles must have seamless tubing 4-point roll cage with X braced hoop behind driver and a minimum of three door bars with vertical bracing from top to bottom. Where bars connect to frame must be a minimum 1/4-inch steel plate welded to frame in a secure and safe manner. Front and rear bars OK but cannot protrude beyond bodywork. Main components of 4-point cage and driver's door bars must be at minimum 1.5"x.095" tubing. Must add 3 crash bars in front of driver.

## Engine/Transmission

1. NO PERFORMANCE ENGINES. Stock 4-cylinder engine only. Maximum displacement of 2.2 Liters. No variable valve timing engines or variable valve timing engine components. Engine must remain stock as delivered by the factory and must remain in stock location. No Cosworth or rotary engines. No turbocharged or supercharged engines. ABSOLUTELY NO NITROUS. All engines must be for the make/brand of car for which they were manufactured. All internal and external parts must be for engine being claimed. No engine components can be lightened, altered, or modified in any way. ARP rod bolts, head studs, reusable gaskets o.k. but must be stock thickness. No performance gaskets or spacers. No high-performance components or aftermarket will be allowed in the engine or drive train. Must utilize all stock fuel injection or carburetor components for the engine in vehicle. Factory air box and piping with factory type filter (washable okay) or cone type air filter attached to corrugated piping inside of engine compartment may be used (No slick wall piping). Outer diameter of piping must not exceed outer diameter of stock intake pipe. Cone filter may be attached directly to throttle body (K&N ok). Exhaust manifold must remain stock with pipe extending beyond the driver's seat, parallel to the ground. Headers allowed only as delivered from factory for make/brand of car. All flywheels must be stock as delivered from factory. Saturns with 1.9L engine may lighten factory flywheel to 13lbs.

## Weight

1. Up to 1.9L 2100lbs

2. 0L and up 2200lbs

2. Any vehicle that uses an engine other than that delivered from factory must add 50lbs.

3. 25-pound weight break for each of the following; certified head and neck restraint, full containment seat, and/or certified fire suppression system with a minimum of 3 nozzles (one in engine bay, one in driver's compartment, one at fuel cell/fuel tank).

## Transmissions

1. All transmissions must have all working gears including reverse. No lightening, altering or removal of gears or transmission components. Open differentials may be welded.

## Suspension

1. Only stock suspension parts allowed. Drilling or cutting of the stock suspension parts for camber is OK but must be performed in a manner deemed safe by tech officials. Safety hubs OK. Car may be lowered with stock parts only. No performance or aftermarket shocks/struts, O.E. replacement or equivalent only. No adjustable coil overs. Stock shock location only. Cannot move where shock/strut mounts to car.

## Brakes

1. Must have functional OEM front brakes. Rear brakes may be removed. No bias adjusters or shut offs allowed.

## Wheels and Tires

1. Racing wheels allowed. All wheels must be the same size and offset. 7-inch wide max. Outward facing beadlock optional on the right front only.

2. Tires must have DOT stamp and legal for highway use No performance, trick, gumball, fancy or exotic tires of any kind allowed. Track reserves the right to disallow any tire from use in competition in this class.

## Safety

1. SFI or FIA approved racing seat with minimum 5-point harness required. Harnesses must be SFI or FIA certified and must be in date. Fire extinguisher with gauge, mounted in quick release harness in reach of driver is mandatory. Racing helmet with SA2015 rating required. No motorcycle helmets.

2. Anything to promote safety may be added with approval from tech man.

#### Buy Rule

1. ENGINE COMPUTER ONLY \$150. Only top five eligible to buy computer, furthest car back gets first choice to buy.

2. ENGINE BUY RULE \$1,000. (no bolt own's included) Only the car behind can buy.

3. TRANSMISSION BUY RULE \$500. Only the car behind can buy.

4. CAMSHAFT BUY RULE \$100 PER CAM. Only the car behind can buy.

#### PROTEST

\*Any item tech man deems altered will be disqualified if not covered in rules.

1. Intake, exhaust, throttle body and remove valve cover for visual inspection. \$150 \$50 acceptance fee. Track retains \$50

2. Complete engine protest. \$500. \$200 acceptance fee. Track retains \$200.

3. Fuel protest is \$125 and \$125 acceptance. Blue Ridge Labs will conduct laboratory analysis of fuels.

4. Visual protest \$25 must be presented to the tech man in writing 30 minutes before the main event.

5. Top five cars will be visually inspected directly after the main event each week. All cars may be subject to random inspection at any time.

6. Looking for small or unimportant errors or faults will not be tolerated or allowed. We are aware that this rulebook may not cover every situation or issue. Officials have final say on ALL protested or claimed item issues.

ALL RULES SUBJECT TO CHANGE OR CLARIFICATION A MINIMUM OF 2 WEEKS BEFORE NEXT EVENT AT THE DISCRETION OF THE TECH MAN. TECH MAN HAS FINAL SAY.