

# 2011 NORTHWEST REGION ITE RULES

## **Class Purpose and Intent:**

The intent of this class is to allow automobiles which have been modified and exceed or otherwise do not conform to IT class preparation rules (GCR 9.1.3), or which are not listed in the GCR ITCS, a place to compete. ITE also provides a second-entry class to maximize track time. Entrants shall not be guaranteed the competitiveness of any car.

## **Automobiles:**

1. All ITE cars shall meet or exceed all current GCR safety standards for IT competition (GCR 9.1.3.D.10 Safety). Fuel cells, fire systems and weld-in roll cages with NASCAR-style door bars are allowed and encouraged.
2. All ITE cars shall run on D.O.T. approved tires.
3. Any SCCA approved fuel is allowed in ITE. Diesel fuel is allowed in ITE in production engines designed for diesel fuel. Propane and Nitrous Oxide are prohibited.
4. Any GCR recognized Touring, Improved Touring, Spec Miata or Showroom Stock legal car may compete under the rules specified for its class. Any modification beyond the specific rules for specified class shall require the vehicle to comply with the ITE rules.
5. World Challenge, Firehawk cars are allowed in ITE and MUST conform to their respective rules set. Other Touring type cars from other series may be considered upon application to the Northwest Region Competition Committee. Competitors entering these cars in ITE shall be required to have in their possession a copy of the respective series rulebook for the specific make, model and year of the automobile entered. All ITE cars shall run on D.O.T. tires regardless of their respective series rules set.
6. Any modification beyond the specific rules for the specified series shall require the vehicle to comply with the ITE rules. If a WC, Firehawk or other allowed Touring type car deviates from its respective spec rules in any way, it is no longer eligible under this rule (#5) and must comply fully with the ITE rules.
7. SCCA GT and Production class race cars on D.O.T. tires are prohibited. Any car with GT or Production modifications, not otherwise allowed in the GCR-ITCS section or specified in the ITE rules, make a car ineligible for ITE classification. Tube-frame race cars are not eligible for ITE.
8. All cars shall display the class designation ITE.

## **Engine:**

Engine modifications are limited to the IT preparation rules (GCR 9.1.3.D) except for the following:

1. Cars may use an alternate engine block. The engine block must be from the same manufacturer as the chassis. The engine must remain in the original location utilizing the factory engine mount locations. The engine block type (example: V8) must remain the same as originally delivered and/or offered for sale from the manufacturer.
2. Induction systems and intake manifolds are free. Turbocharged and supercharged cars shall be allowed in ITE.
3. Any flywheel and clutch combination may be used.
4. Fuel and ignition engine management systems are free.
5. Crankshaft, camshaft(s), valve-train components, piston & rod combinations and engine & accessory pulleys are free. Cylinder heads, cylinder head porting, combustion chamber size and compression ratio are free. Aftermarket cylinder heads are allowed.

## **Transmission / Final Drive:**

Transmission / Final Drive modifications are limited to the IT GCR preparation rules (GCR 9.1.3.D.4) except for the following:

1. Any differential/transmission/transaxle housing and/or final drive or gear ratios may be used so long as the replacement unit does not alter the wheel base, axle width, spring and/or shock attachment points of the race car and the gear ratio remains the same as any gear ratio that can be achieved when utilizing a stock differential/transmission/transaxle housing.
2. Any limited-slip or locked differential is permitted.

3. Factory manufactured all-wheel drive cars are eligible for ITE if they otherwise comply with the rules herein.
4. Automatic transmissions are allowed. Transmission must be from the same manufacturer as the chassis.

**Chassis:**

Chassis modifications are limited to the IT preparation rules (GCR 9.1.3.D.5) except for the following:

1. Ride height is free.
2. Springs/struts/shock absorbers / control arms are free. Aftermarket suspension components are allowed.
3. Reinforcement of suspension attachment points is allowed.

**Brakes:**

Brake modifications are limited to the IT preparation rules (GCR 9.1.3.D.6) except for the following:

1. Brake rotor and caliper upgrades are free.
2. Factory anti-lock brake systems (ABS) are allowed.

**Wheels / Tires:**

Wheel and Tire modifications are limited to the IT preparation rules (GCR 9.1.3.D.7) except for the following:

1. All ITE cars shall run on D.O.T. approved tires.
2. Wheel and tire size are free, within the limitation that the wheel/tire combination must fit completely within the front and rear fender well opening.

**Body / Structure:**

Body / Structure modifications are limited to the IT preparation rules (GCR 9.1.3.D.8) except for the following:

1. Fender modifications are allowed for the purpose of tire clearance. (per GCR 9.1.3.8.a). Flared fenders or non-stock quarter panels used to clear wider tires are not allowed. Alternate fenders and doors are prohibited.
2. Spoilers and wings are free.
3. Bumper covers are free.
4. Lexan glass is permitted for all window areas.
5. Alternate hood and rear deck lid are allowed.
6. Headlights and hardware may be removed. All wiring harnesses not required for the safe operation of the vehicle may be removed. Battery may be relocated within the body.
7. Doors: left and right; must be able to be opened from the outside, Glass and attaching hardware may be removed. Cars with factory fiberglass or aluminum doors shall be required to utilize NASCAR style door bars.

**Driver / Passenger Compartment:**

Driver / Passenger Compartment modifications are limited to the IT preparation rules (GCR 9.1.3.D.9) except for the following:

1. Interior trim pieces may be altered or removed.

**Fuel Testing:**

For this regional only class, that is not referenced in the GCR, cars shall meet fuel specifications as defined in GCR 9.3.26 for SS, T and IT classifications. Diesel powered ITE cars are exempt from fuel testing requirements.

**Where not specifically stated above, the GCR and/or IT specifications shall apply.**