

ITE Rules
North Carolina Region, SCCA
Effective January 1, 2010

The intent of the ITE class is to give Cars which are prepared to the Improved Touring (IT) safety specs but not listed in the ITCS a place to run. Cars are allowed extra mechanical modifications only as outline in the following.

1. CARS

- 1.1 Eligible Cars include WSC, World Challenge, Fire Hawk and other “T” type cars that are not approved for competition. Additionally, the Volvo S60R is eligible for competition.
- 1.2 **World Challenge “GT” Cars over 3.0 liters racing in ITE must carry an additional 150 lbs.** Said 150 lbs. shall be located in the front passenger seat mounting location. Ballast must be able to be removed for verification of weight, and securely mounted per SCCA IT specifications.
- 1.3 World Challenge cars without fuel cells shall be allowed to compete only if sufficient evidence of World Challenge competition history can be provided to the Chief Scrutineer. Such evidence may be in the form of Official Race Results.
- 1.4 All Cars entered must comply with all safety rules in the SCCA GCR and ITCS.

2. BODY

- 2.1. All interior trim pieces **may** be removed.
- 2.2. Roll cage tubing must be per the GCR for the weight of the car. NASCAR style protection is permitted on the driver and passenger sides of the car. Roll cage tubing **may** pass through the firewall into the engine compartment.
- 2.3. Lexan glass is permitted.
- 2.4. Driver and passenger side glass and attaching hardware may be removed.
- 2.5. Doors, left and right, must be able to be opened from the outside.
- 2.6. Carbon fiber and fiberglass body parts are **prohibited**, other than World Challenge GT cars, or cars produced from the factory with said equipment. (Cars that do not meet this requirement will be treated as World Challenge GT cars.)
- 2.7. Headlights and hardware may be removed. Battery may be re-located within the body.
- 2.8. Any wing/s, spoiler may be used.
- 2.9. All wiring harnesses not required for the safe operation of the car may be removed.

3. WHEELS AND TIRES

- 3.1. Maximum wheel size shall not exceed 17 x 9 (other than World Challenge GT cars). **Vehicles where rim size exceeds 17 x 9 will be treated as World Challenge GT cars.** Any DOT approved racing tire may be used. If using street tires, they must have a “Z” rating. Slicks and re-grooved tires are **prohibited**.

4. SUSPENSION

- 4.1. Suspension shall be as specified in the ITCS. However, reinforcement of the attachment points is permitted. Relocation of the front control arm inner attachment points is prohibited. Remote canister type shocks are **prohibited**, except WSC and World Challenge GT cars. (Vehicles with remote canister shocks will be treated as World Challenge GT cars.) Adjustable rear spring perches are allowed on solid axle applications.

- 5. ENGINE**
- 5.1. Reciprocating**
- 5.1.1. Must remain in stock location.
- 5.1.2. Any piston and rod combination may be used. A **maximum** of 13:1 compression is permitted.
- 5.1.3. Stock crankshaft **must** be used.
- 5.1.4. Any camshaft(s) may be used. However, rocker arms shall remain stock.
- 5.1.5. Any injector or carburetor may be used. However, if the car comes from the factory with fuel injection, then it must remain fuel injected. If it comes from the factory with a carburetor, it must remain with a carburetor. (“Aftermarket” ECU’s allowed.) (“Aftermarket” Throttle bodies allowed.)
- 5.1.6. Intake/Exhaust manifold prep shall be as specified in the IT specifications.
- 5.1.7. Head prep shall be as specified in the IT specifications.
- 5.1.8. Any engine and accessory pulleys may be used.
- 5.1.9. **Cars over 3.0 liters are to be normally aspirated unless otherwise noted in these rules.**
- 5.1.10. **Cars under 3.0 liters are allowed any single (1) turbo/supercharging unit.**
- 5.1.11. **Cars over 3.0 liters with turbo/supercharging will be penalized an additional 250 pounds. Penalty to be located in front passenger seat location. Ballast must be securely mounted per SCCA specifications for IT and removable for verification of weight, and securely mounted per SCCA IT specifications.**
- 5.1.12. **Cars 4.0 liters and over with Turbo/supercharging are prohibited.**
- 5.1.13. **Current World Challenge GT- legal cars that fall into this category are allowed with no additional weight penalty.**
- 5.2 Rotary Engines**
- 5.2.1 12 A / 13 B normally aspirated with any port configuration
- 5.2.2 12 A / 13 B with turbo stock/street port only
- 5.2.3 Cars prepped beyond these engine specifications will be treated as World Challenge GT cars.
- 6. CLUTCH**
- 6.1. Any flywheel and clutch combination may be used.
- 7. TRANSMISSION**
- 7.1. Stock transmission must be used. Any gear combination that fits within the stock transmission housing without modification to the housing is permitted.
- 8. DIFERENTIAL**
- 8.1. Housing must be of same manufacturer, any gear ratios may be used.
- 9. FUEL**
- 9.1. SCCA approved fuel cells are MANDATORY. Dry breaks are permitted.
- 10. BRAKES**
- 10.1. Any brake and rotor combinations are permitted. Not to exceed 4 pistons per caliper, excluding WSC and World Challenge GT cars. Cars that exceed 4 pistons per caliper from factory will be treated as World Challenge GT cars.
- 10.2. Brake ducting through lamp openings is allowed.

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

