

### 3.12.6 SPORT COMPACT

**CLASS DESIGNATION: /SC**

**CLASS HANDICAP SYSTEM - FULL TREE START**

#### COMPETITION



Competition Eliminator, Sport Compact - Michael Buckley, #1366  
(Cackling Pipes Photography)

#### Class Description:

Designed for purpose-built, Pro Stock style Sedans / Coupes or derivatives with minimal rules restrictions.

Proposed body dimensions for a vehicle competing in this bracket, along with standard dimensions for that model must be forwarded to the ANDRA Head Office by the competitor, before competing, or prior to the issue of, or renewal of the Vehicle Logbook.

**Class Details;** (minimum weights are including driver)

Designation	Engine	Minimum Weight
AA/SC AA/SCA	6 Cylinders	2400 lbs (1088.62 kg) minimum
BB/SC BB/SCA	Triple Rotor	2200 lbs (997.90 kg) minimum
CC/SC CC/SCA	4 Cylinders	2100 lbs (952.54 kg) minimum
DD/SC DD/SCA	Twin Rotor	2100 lbs (952.54 kg) minimum

The suffix A denotes vehicles using OEM planetary transmissions (refer Definitions, "OEM Planetary Transmission") and torque converters, which will use a different Class Handicap.

ANDRA will evaluate cars and performances and may amend weight requirements for specific engine combinations in order to maintain parity.

#### Class Regulations;

**Engine:** Engine swaps permitted. Any production 4, 6 cylinder or Rotary engine permitted. Maximum 2 power adders. 4 cylinders OEM or ANDRA-accepted aftermarket block and head permitted. To be considered for acceptance, replacement cylinder head must bolt to original block, and function, with no modifications. To be considered for acceptance, replacement block must accept original cylinder head, and function, with no modifications. Dual stage Nitrous Oxide systems or multiple Superchargers / Turbochargers will be counted as one power adder each. Deck-plate and/or welding on deck surface prohibited. Dry sump permitted. Use of vacuum pump for evacuation of crankcase pressure permitted.

**Ignition:** Any ignition system permitted. Refer Electrical, Ignition.

**Exhaust:** Open exhaust permitted, except where prohibited by track rules. All open exhaust outlets must terminate below top of front wheel, directing gases to the rear. All Turbocharged vehicles must have two 3/8 inch (10 mm) bolts inserted across the diameter of the turbine outlet pipe at 90 degrees to each other, to obstruct the exit of debris in the event of a turbine failure.

**Fuel:** Ethanol, Methanol or Petrol only.

**Lower Engine Containment Device:** Required on all cars using power adders 8.999 seconds (1/4 mile) / 5.731 seconds (1/8 mile), or quicker.

**Nitrous Oxide:** Commercially available Nitrous Oxide systems permitted, including for Supercharged and Turbocharged engines. Nitrous Oxide bottle/s in driver's compartment must be equipped with a relief valve and vented outside of driver's compartment. Hoses from bottle/s to solenoid must be high-pressure Steel-braided. Commercially available, thermostatically controlled, blanket-type warmer accepted. Any other external heating of bottle/s prohibited.

**Supercharger / Turbocharger:** Permitted. Screw-type Supercharger limited to maximum rotor diameter of 178 mm (7 inch). Refer Power Adders.

**Driveline:** Driveshaft protection required.

**Flywheel Shield:** All manual transmissions equipped vehicles must use a properly constructed Steel or Titanium Bellhousing. Vehicles for which a Steel, Titanium or Aluminium with Steel / Titanium liner SFI 6.1, 6.2 or 6.3 Flywheel Shield is not available may use a SFI Flywheel Shield from another application bolted to a motor plate that is bolted to the engine at all available bolt holes, or use a fabricated shield made of 1/4 inch (6 mm) thick Steel, surrounding the Bellhousing 360 degrees, extending 25 mm (1 inch) forward and 25 mm (1 inch) rearward of the rotating clutch assembly. Shield must be securely attached to frame or frame structure and may be multi piece.

**Transmission, Manual:** Any transmission permitted. Automated, timer-type, electric, electronic, hydraulic, etc. shifting mechanism prohibited. Each individual shift must be a function of the driver and can be made manually, electronically or pneumatically. Clutchless transmissions up to five forward speeds permitted in all Sport Compact classes permitted to use manual transmissions.

**Transmission, Automatic:** Must display either AA/SCA, BB/SCA, CC/SCA or DD/SCA class designation. Trans brake permitted.

**Brakes:** Four wheel hydraulic brakes mandatory. Refer "Brakes".

**Steering:** Aftermarket steering permitted. Refer Drivetrain, Steering.

**Suspension:** All suspension must use at least one working shock absorber per wheel. Refer Drivetrain, Suspension.

**Wheelie Bars:** Permitted. May be adjustable, but must be fixed during run. Any movement or adjustment during run prohibited. Pneumatics, hydraulics, electronics, etc. prohibited. Wheelie-bar wheels must spin free at the starting line. Any preload prohibited.

**Ballast:** Permitted.

**Chassis:** Full tube chassis permitted. Original FWD may be converted to RWD configuration. Compliant 6-point rollcage mandatory.

**Parachute:** Mandatory.

**Computer:** Vehicle management systems prohibited. Electronic fuel injection permitted.