Class 10 Limited

OPEN WHEEL – SPEC CLASS WITH LIMITED SEALED ENGINE

Competition Numbers 1000-1099

DEFINITION

Single or two-seat vehicles limited in engine size.

GENERAL REGULATIONS

Entrants in this class shall comply with all applicable general regulations.

COMPETITION REGULATIONS

This class is an open wheel class, and all components will be considered open unless restricted herein. Vehicles that raced SCORE previously, and do not meet current specifications, can possibly be modified and "Grandfathered" into current competition. Contact SCORE Tech Director for further information.

NOTE: *The CR abbreviations listed under this class (i.e.CR1 HELMETS) refer to cross reference listings in the Competition Regulation section on this website. These cross-referenced listings are part of the class rules. Where a conflict occurs between the cross-referenced listing and a rule contained under this class, the rule contained under this class has precedence.*

SAFETY EQUIPMENT

CR 1 HELMETS
CR 2 PROTECTIVE CLOTHING
CR 3 EYE PROTECTION and DENTURES
CR 4 FIRST AID KIT
CR 5 EMERGENCY SIGNALING DEVICES
CR 6 HORNS
CR 7 REFLECTORS
CR 8 FIRE SUPPRESSION EQUIPMENT
CR 9 SURVIVAL SUPPLIES

SUSPENSION COMPONENTS

CR 10 SHOCK ABSORBERS and BUMP STOPS
CR 11 SECONDARY SUSPENSION
CR 12 WHEELS and TIRES
CR 13 FASTENERS

STEERING AND BRAKE COMPONENTS

CR 14 STEERING
CR 15 BRAKES

ELECTRICAL SYSTEM

CR 16 IGNITION
CR 17 BATTERIES
CR 18 LIGHTS
CR 19 STARTERS

FUEL SYSTEM

CR 20 FUEL
CR 21 FUEL TANKS
CR 22 FUEL FILLERS LINES, VENTS, and CAPS

ENGINE, TRANSMISSION AND DRIVELINES

CR 23 ENGINE and ENGINE DISPLACEMENT

Any stock engine that meets the following specifications may be used:

1. It is a design that has been series produced in quantities of 5,000 or more, and is readily available for sale to the general public in the U.S.A.
2. It has a maximum of four (4) cylinders.
3. It retains a maximum of no more than four (4) valves per cylinder.
4. It is **NOT** a rotary engine
5. It does not displace more than **2400cc** in the stock form. Refer to engine specification chart on page 2.

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Stock Production	
Single or Two-Seat Vehicles	**2.2 or 2.4 L Sealed GM Ecotec -** Must use factory stock fuel injection. Any ignition system allowed. Forced induction and direct injection is not allowed.
Single or Two-Seat Vehicles	**2.0 L - 16-valve Sealed Ford engine 14-DI-TIVCT -** Must use stock Ford direct injection with ignition manufactured by Ford
Single or Two-Seat Vehicles	**2.4 L EcoBoost Ford engine -** Must use stock Ford direct injection with ignition manufactured by Ford

Single and two-seat vehicles may use one (1) carburetor providing:

1. It retains a maximum of two (2) venturi per carburetor
2. Maximum allowable carburetor venturi size is 42mm
3. Carburetor(s) must be of the production automotive type

All engines must be sealed by a SCORE Authorized Engine Sealing Station before installation in vehicle. Following are authorized SCORE engine sealing firms:

Danzio Performance 506 Central Ave. Lake Elsinore CA 92530 951.245.2537	Redline Performance 1380 N. Lakeview Ave. Anaheim CA 92708 714.777.5758	Turn Key Engine Supply 3915 Oceanic Dr. Ste. 6 Oceanside CA 92056 760.966.2663

Engine must remain stock as delivered by the manufacturer.

If engine utilizes a stock throttle body or an aftermarket mechanical throttle body the maximum size is **58mm** for single-seat and **65mm** for two-seat vehicles.

Fuel Injection is allowed with the following restrictions:

1. Throttle body must be production (OEM) type readily available for sale to the general public in the U.S.A.
2. Intake manifold will remain as delivered by the manufacturer. It must retain its shock shape, size and configuration. No porting or other modifications.
3. Ports may be matched to the heads, but matching must not exceed .250 (1/4 inch) deep. Manifold must be the unit that was installed and delivered on the engine by the original manufacturer.
4. Only U.S.A. delivered fuel injection is allowed. Manifold must be installed and sold on production vehicles that are sold for the street use in the U.S.A.

Items with no restrictions include:

A. Oil and water cooling systems (no dry sump).
B. Exhaust system, including exhaust manifold.
C. Fuel pumps.
D. ECU.
E. Oil pan may be modified or replaced.
F. Power steering pump.
G. Alternator.
H. Air cleaner.
I. Belts and pulleys.

If SCORE International, at any time during the current racing season, determines that any particular brand or make of engine has a competitive advantage, we may equalize that engine either by a reduction in cc's or the use of a restrictor plate. These changes may be required during the current racing season.

CR 24 ENGINE REPLACEMENT
CR 25 TRANSMISSION
CR 26 THROTTLES
CR 27 EXHAUST
CR 28 DRIVE SHAFTS
CR 29 FLYWHEEL SHIELDS
CR 30 FLUID COOLERS

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CR 31 AUXILIARY EQUIPMENT
CR 32 SUPERCHARGERS and TURBOCHARGERS

VEHICLE SAFETY EQUIPMENT

CR 33 ROLL CAGES
CR 34 SAFETY HARNESS
CR 35 SAFETY NETS
CR 36 SEATING

GENERAL VEHICLE COMPONENTS

CR 37 DRIVERS COMPARTMENT
CR 38 DOORS AND LATCHES
CR 39 FIREWALLS
CR 40 BALLAST
CR 41 WEIGHT
CR 42 FLOORBOARDS
CR 43 BUMPERS AND HAZARDOUS PROTRUSIONS
CR 44 MIRRORS
CR 45 SKID PLATES
CR 46 STORAGE
CR 48 CHASSIS and BODY
CR 49 HOSES
CR 50 IDENTIFICATION MARKINGS
CR 51 ADVERTISING ON VEHICLES
CR 52 RADIO EQUIPMENT
CR 53 WORKMANSHIP
CR 54 TRACKING DEVICE

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