Baja-e Cars & Buggies

Full-Size Cars and Open-Wheel Buggies
Must be 100% powered by Electricity
Competition Numbers E440-E459

DEFINITION

Class of electric-powered open wheel vehicles built as production or prototype models. Specifications for class require that all driven wheels must be 100% powered by electricity.

GENERAL REGULATIONS

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

COMPETITION REGULATIONS

To view these complete sections, click on the following links

General Regulations - http://score-international.com/raceinfo/rule-book/general-regulations-2/

Competition Regulations - http://score-international.com/raceinfo/rule-book/competition-regulations/

Click back button or tab between windows to return to this page

This class is a new open production class for buggies and cars, and all components will be considered open unless restricted herein. These vehicles are currently under development and specifications are subject to be added and revised. Class rules will be updated as more information becomes available. Contact SCORE Tech Director for more information.

NOTE: *The CR abbreviations listed under this class (i.e. CR1 HELMETS) refer to cross reference listings in the Competition Regulations section of this book. 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 AND HEAD AND NECK RESTRAINTS
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

Electric Powered Vehicles - In addition to standard CR 8 requirements, vehicle must be equipped with minimum of one (1) Class D 30 lb. fire extinguisher suitable for extinguishing possible lithium-Ion battery fires. Batteries must be firmly secured in vehicle, but easily accessible by all occupants in an emergency.

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 – Must be securely attached to frame and all terminals must be shielded. Cables must be routed to prevent insulation chafing
CR 18 LIGHTS
CR 19 STARTERS

FUEL SYSTEM

CR 20 FUEL
Electric Powered Vehicles – Onboard batteries may be of any type.

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CR 21 FUEL/BATTERIES

Electric Powered Vehicles - Battery compartment must be securely attached to vehicle frame or chassis with metal straps. Any and all compartments must be properly insulated and 100% protected against damage or spillage. All wiring must be shielded to prevent chafing.

CR 22 FUEL FILLERS LINES, VENTS, and CAPS - Not applicable to electric powered vehicles.

ENGINE, TRANSMISSION and DRIVELINES

CR 23 ENGINE and ENGINE DISPLACEMENT

Vehicles powered by electric motors are not restricted to power output.

CR 24 ENGINE REPLACEMENT

CR 25 TRANSMISSION

CR 26 THROTTLES - Electric Powered Vehicles - All foot-operated throttles, mechanical or electronic, must be designed to prevent any possibility of throttle being capable of over-extending into locked open position.

CR 27 EXHAUST

CR 28 DRIVE SHAFTS

CR 29 FLYWHEEL SHIELDS

CR 30 FLUID COOLERS

CR 31 AUXILIARY EQUIPMENT

CR 32 FORCED INDUCTION – Not applicable

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

Electric Powered Vehicles – Must include a master cut-off switch (general circuit breaker) located within easy reach of both occupants. Switch must be clearly labeled, and enable immediate 100% total cut-off of all power in vehicle.

CR 38 DOORS AND LATCHES

CR 39 FIREWALLS

CR 40 BALLAST

CR 41 WEIGHT - Vehicle weight open

CR 42 FLOORBOARDS

CR 43 BUMPERS and HAZARDOUS PROTRUSIONS

CR 44 MIRRORS

CR 45 SKID PLATES

CR 46 STORAGE

CR 48 CHASSIS and BODY - Body may be constructed of any material that can be shaped to resemble a car or buggy body. Body design subject to SCORE approval. Stock appearing grill (if applicable) and head light opening must be retained.

CR 49 HOSES

CR 50 IDENTIFICATION MARKINGS - In addition to CR 50 specifications, a capital letter **E** must appear in front of assigned vehicle number. **Electric Vehicles** must carry clearly visible signage each side on exterior of vehicle warning of possible electrical shock and/or danger of battery leakage and explosion. This is an important warning to first responders in an emergency.

Also must prominently display a 3.5” x 9” SCORE sticker on each side of vehicle.

CR 51 ADVERTISING on VEHICLES

CR 52 RADIO EQUIPMENT

CR 53 WORKMANSHIP

CR 54 TRACKING DEVICE

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