

# CLASS 3000

## Desert Lites – GM Ecotec Powered 4-Cyl

### DEFINITION

Production motor, short-wheelbase minis, two-seat open wheeled mini cars, and two-seat mini trucks.  
Vehicles must have two (2) occupants.

Revised – 02/20/2016



### GENERAL REGULATIONS

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

### COMPETITION REGULATIONS

This is an open class and all components will be considered open unless it says otherwise in these rules. Two of three items must be of same manufacturer (frame/motor/body)

- **TRANSAXLE** vehicles not to exceed 103". Wheelbase as measured at ride height.
- **TRANSAXLE** vehicles equipped with beam front suspension not to exceed 105.5". Wheelbase as measured at ride height. Any other configuration may be approved if it received 100% vote of class legal and registered cars at any sanctioned event.
- LIVE AXLE** vehicles not to exceed 111" Wheelbase as measured at ride height.

### SAFETY EQUIPMENT

**CR1 HELMETS**  
**CR2 PROTECTIVE CLOTHING**  
**CR3 EYE PROTECTION and DENTURES**  
**CR4 FIRST AID KIT**  
**CR5 EMERGENCY SIGNALING DEVICES**  
**CR6 HORNS**  
**CR7 REFLECTORS**  
**CR8 FIRE SUPPRESSION EQUIPMENT**  
**CR9 SURVIVAL SUPPLIES**

### SUSPENSION COMPONENTS

**CR10 SHOCK ABSORBERS and BUMP STOPS**  
**CR11 SECONDARY SUSPENSION**  
**CR12 WHEELS and TIRES**  
**CR13 FASTENERS**

### STEERING and BRAKE COMPONENTS

**CR14 STEERING**  
**CR15 BRAKES**

### ELECTRICAL SYSTEM

**CR16 IGNITION**  
**CR17 BATTERIES**  
**CR18 LIGHTS**  
**CR19 STARTERS**

### FUEL SYSTEM

**CR20 FUEL**  
**CR21 FUEL TANKS**  
**CR22 FUEL FILLER LINES, VENTS, and CAPS**  
Fuel rail – stock fuel rail may be modified for return/re-circulate system

### ENGINE, TRANSMISSIONS and DRIVELINES

**CR23 ENGINE and ENGINE DISPLACEMENT**  
Engine location is open. Engine is limited to stock production GM Ecotec® 4 cyl. 2.2L and 2.4L motors. Only stock replacement pistons are allowed.

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Camshaft – Must be stock or equal replacement only. Camshaft must retain original manufacture specifications. Head/valve train must remain per manufacturers original specifications. Aftermarket valve train is prohibited; no porting or polishing of head. Must retain manufacturers original specifications.

Intake manifold will remain as delivered from manufacture. It must retain its stock shape, size and configuration. No porting or other modifications will be allowed.

No dry sump systems allowed.

Oil Cooler – External oil cooler may be added – open

Oil Pan – Stock pan may be modified only to fit chassis

Computers – Open with no limitations

Accessories – Engine pulleys, alternator, power steering pump - open

### CR24 ENGINE REPLACEMENT

### CR25 TRANSMISSIONS

### CR26 THROTTLES

Throttle body – must remain as delivered from the manufacturer; not to exceed 65mm on blade.

### CR27 EXHAUST

### CR30 FLUID COOLERS

### CR31 AUXILIARY EQUIPMENT

### CR32 SUPERCHARGERS AND TURBOCHARGERS

## VEHICLE SAFETY EQUIPMENT

### CR33 ROLL CAGES

### CR34 SAFETY HARNESS

### CR35 SAFETY NETS

### CR36 SEATING

## GENERAL VEHICLE COMPONENTS

### CR37 DRIVER'S COMPARTMENT

### CR38 DOORS and LATCHES

### CR39 FIREWALLS

### CR40 BALLAST

### CR42 FLOORBOARDS

### CR43 BUMPERS and HAZARDOUS PROTRUSIONS

### CR44 MIRRORS

### CR45 SKID PLATES

### CR46 STORAGE

### CR47 FENDERS

### CR48 CHASSIS and BODY

### CR49 HOSES

### CR50 IDENTIFICATION MARKINGS

### CR51 ADVERTISING on VEHICLES

### CR52 RADIO EQUIPMENT

### CR53 WORKMANSHIP

### CR54 TRACKING DEVICE