

BAJA RACING of TEXAS (BRT)

Texas Premiere Off-Road Racing Experience

CLASS FORMULA DESERT LIGHTS

A single or two seat four wheeled vehicle being powered by an engine originating from a production Motorcycle/Snowmobile/ATV/UTV type vehicle (All engines will be reviewed and approved by BRT). The intent of this class is to provide a place for vehicles that do not fit into an existing class structure an opportunity to compete. Drivers will have the opportunity to vote on the legality or fairness of any vehicle that is placed into Formula Desert Lights.

GENERAL REGULATIONS

Class entrants shall comply with all class and applicable general regulations.

COMPETITION REGULATIONS

This is an open class and all components will be considered open unless otherwise stated within these class rules.

Note: The SCR abbreviations refer to the cross-reference listings in the front of this book and are part of the class rules. Where a conflict between the cross-referenced listings and a rule contained under this class occurs, the rule contained under this class has precedence.

SAFETY EQUIPMENT

SCR1: HELMETS

SCR2: PROTECTIVE CLOTHING

SCR3: EYE PROTECTION

SCR4: NECK BRACES

SCR5: FIRST AID KIT

SCR6: BREAKDOWN SAFETY DEVICES

SCR7: HORNS

SCR8: REFLECTORS

SCR9: FIRE EXTINGUISHER

SCR10: SURVIVAL SUPPLIES

SUSPENSION COMPONENTS

SCR11: SHOCK ABSORBERS & BUMP STOPS

One shock absorber per wheel maximum. Mounting locations may be modified or moved. The only springing system allowed is a coil-over shock or alternately a coil carrier.

OEM sway bars may be retained if they came stock from the factory.

SCR12: SECONDARY SUSPENSION

SCR13: WHEELS & TIRES

SCR14: FASTENERS

STEERING & BRAKE COMPONENTS

SCR15: STEERING

SCR16: BRAKES

Steering or turning brakes permitted.

ELECTRICAL SYSTEM

SCR17: IGNITION

SCR18: BATTERIES

Batteries can be located in the driver's compartment. Batteries will be considered as being in the driver's compartment if there is no firewall between the battery and the driver.

SCR19: LIGHTS

Rearward facing blue light is mandatory.

SCR20: STARTER

FUEL SYSTEM

SCR21: FUEL

SCR22: FUEL TANKS

The stock tank may be used. Tank must be stock and in stock location.

There must be a skid plate made of steel or aluminum mounted under the stock tank.

SCR23: FUEL FILLER VENTS AND CAPS

If stock tank is used, venting must be changed to a vent tube that follows the 3 sides and down routing system. The end of the fuel tank vent tube must be routed away from the exhaust.

ENGINE TRANSMISSION AND DRIVELINES

SCR24: ENGINE LOCATION & DISPLACEMENT

Formula 1200

1200cc four stroke maximum displacement

800cc two stroke maximum displacement

Formula 800

800cc four stroke maximum displacement

500cc two stroke maximum displacement

Formula Lite

600cc four stroke maximum displacement

500cc two stroke maximum displacement

The 750 Weber as found in the Redline Revolt is allowed but, must maintain stock displacement.

SCR25: ENGINE REPLACEMENT

SCR26: TRANSMISSION

Stock transmission and clutch design must be used. Every vehicle must have a functional reverse gear. The stock rear differential must also be used.

SCR27: THROTTLES

SCR28: EXHAUST

SCR29: DRIVESHAFTS

SCR30: FLYWHEEL SHIELDS

SCR31: FLUID COOLERS

SCR32: AUXILIARY EQUIPMENT

SCR33: SUPERCHARGERS & TURBOCHARGERS

VEHICLE SAFETY EQUIPMENT

SCR34: ROLLCAGES

SCR35: SAFETY HARNESS

2" shoulder straps are allowed.

SCR36: SAFETY NETS

Approved arm restraints instead of nets.

SCR37: SEATING

GENERAL VEHICLE COMPONENTS

SCR38: DRIVER'S COMPARTMENT

SCR39: DOORS & LATCHES

SCR40: FIREWALLS

SCR41: BALLAST

SCR42: WEIGHT

SCR43: FLOORBOARDS

SCR44: BUMPERS

Rear bumper secured to frame constructed of 1 ½" x 0.90" minimum DOM or stronger tubing.

SCR45: MIRRORS

SCR46: SKID PLATES

SCR47: STORAGE

SCR48: FENDERS

SCR49: CHASSIS & BODY

Stock chassis is required. Chassis must match body, engine combination. Frame may be strengthened by adding material but basic shape and design must be maintained as well as stock dimensions.

The roof must be covered by sheet metal or aluminum. Must be a minimum of .060" in thickness.

Formula 1200

Wheelbase – 100" maximum

Track Width – 86" maximum

Formula 800

Wheelbase – 95" maximum

Track Width – 80" maximum

Formula Lite

Wheelbase – 75" maximum

Track Width – 74" maximum

SCR50: HOSES

SCR51: IDENTIFICATION MARKERS

BRT will assign vehicle numbers.

SCR52: ADVERTISING ON VEHICLES

SCR53: WORKMANSHIP

SCR54: RADIO EQUIPMENT