Trailblazer Class

Vintage Era 1982 and Before

DEFINITION

Era correct 1982 and older Trucks, Buggies and Bugs

Competition Number Range - Letter V+Original 3-Digit Competition Number

Entrants in this class shall comply with all applicable SCORE General Regulations.

COMPETITION REGULATIONS

This class is an open class and all components will be considered open unless restricted herein. Exceptions to the following restrictions are reserved for the actual historic vehicle as raced in the era. Documentation that proves the vehicle was raced during the era without the following restrictions is required to be granted a waiver from these restrictions. Any waivers of the following restrictions will be at the discretion of SCORE. Vehicles wishing to enter this class must submit pictures of the vehicle to SCORE Technical Director prior to chassis inspection. They must include detailed close-ups of the suspension system, chassis and cage to be approved as a vintage vehicle. Vehicles that raced SCORE previously, and do not meet current specifications, can possibly be modified and "Grandfathered" into current competition. Contact SCORE for information

NOTE: *The CR abbreviations listed under this class (I.E. CR1 HELMETS) refer to cross reference listings in the front 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 takes priority.*

SAFETY EQUIPMENT

CR 1 HELMETS & HANS DEVICES - All Current SCORE Rules apply
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

Buggies and Bugs

SUSPENSION COMPONENTS

Front Suspension

Front suspension is based on VW Type 1 ball joint or link pin style. Any manufacturer's beam of two (2) steel torsion tubes may be used. Any manufacturer's torsion bars are allowed. Front trailing arms (torsion arms) may be reinforced or replaced with arms up to 2.5" longer than stock VW arms. Suspension limiters are allowed. Spindles, link pins, ball joints, and shock mounting locations are open. Front suspension track width is open.

Rear suspension

Rear suspension is based on VW Type 1 IRS, swing axle and 3 and 5 link rear suspensions such as those manufactured during the era by Chenowth and others if not modified. IRS swing arms may be modified or replaced as long as the VW IRS swing arm length does not exceed 3" wider and 3" longer than stock VW rear swing arms. Outboard bus reduction gears are allowed. The use of "micro stub hubs" is prohibited. A single torsion bar per wheel of any manufacture is allowed. Torsion bars must remain inside the torsion housing. Rear suspension track width is open. The entire outer CV must remain inboard of the trailing arm inner bearing.

CR 10 SHOCK ABSORBERS and BUMP STOPS No limit on the number of shock absorbers. 2" smooth body shocks only, reservoirs are permitted. No bypass shocks, air bumps or coil over shocks allowed.
CR 11 SECONDARY SUSPENSION Secondary torsion bars are permitted to control only the final 30% of bump travel.
CR 12 WHEELS and TIRES Any rims allowed. No wheel spacers allowed. Tires are limited to a maximum diameter of 33".
CR 13 FASTENERS

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Trailblazer Class - *Vintage Era 1982 and Before*

Buggies and Bugs *- cont'd*

STEERING and BRAKE COMPONENTS

CR 14 STEERING
CR 15 BRAKES Any type and manufacture brake may be used as long as all other rules are adhered to.

ELECTRICAL SYSTEM

CR 16 IGNITION
CR 17 BATTERIES
Lead acid batteries must be completely shielded per CR 17. Gel type batteries in driver compartment must have a shield preventing contact with occupants.
CR 18 LIGHTS Rear-facing blue light required for this class - Refer to CR 18 for other requirements.
CR 19 STARTERS FUEL SYSTEM
CR 20 FUEL
CR 21 FUEL TANKS Safety fuel cells are required unless approved by SCORE.
CR 22 FUEL FILLER LINES, VENTS, and CAPS

ENGINE, TRANSMISSIONS and DRIVELINES

CR 23 ENGINE and ENGINE DISPLACEMENT Engine must utilize VW series type 1, displacement is open.
CR 24 ENGINE REPLACEMENT
CR 25 TRANSMISSION Must be stock VW type 1 or type 2 transaxle housing. Any internal or external modifications to housing are allowed. No more than four (4) forward speeds are allowed. Any gear ratio combinations but only VW type gears (helical cut gears) may be used. Any internal modifications are allowed. May use aftermarket side covers.
CR 26 THROTTLES
CR 27 EXHAUST
CR 30 FLUID COOLERS
CR 31 AUXILIARY EQUIPMENT
CR 32 SUPERCHARGERS and TURBOCHARGERS

VEHICLE SAFETY EQUIPMENT

CR 33 ROLL CAGES
Cages must meet minimum SCORE standards for construction. Earlier tubing sizes may be approved if these construction design standards are met.
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 41 WEIGHT
CR 42 FLOORBOARDS
CR 43 BUMPERS and HAZARDOUS PROTRUSIONS
CR 44 MIRRORS
CR 45 SKID PLATES
CR 46 STORAGE
CR 47 FENDERS
VW Bugs are required to have fenders. The removal of fenders for any reason other than damage incurred during an accident, after the race has officially started, will cause the vehicle to be disqualified.
CR 48 CHASSIS and BODY – Wheelbase Limits: Bugs 100", Buggies 110".
CR 49 HOSES
CR 50 IDENTIFICATION MARKINGS - Numbers must be black numerals on white background. Original competition number (up to 3 digits) may be used with a **letter "V" preceding** the numerals. Vehicle must also display minimum of one (1) 3.5"x9" SCORE sticker on each side of vehicle. Contact SCOREat **702.407.3059** for competition number assignment and verification.
CR 51 ADVERTISING on VEHICLES
CR 52 RADIO EQUIPMENT
CR 53 WORKMANSHIP
CR 54 TRACKING DEVICE

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Trailblazer Class - *Vintage Era 1982 and Before*

Trucks - 2wd and 4wd

SAFETY EQUIPMENT

CR 1 HELMETS & HANS DEVICES - Current SCORE Rules apply
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

Suspension

The suspension must be of stock concept for the chassis with full length original chassis. Leaf springs must be of a semi elliptical design and must have a single fixed pivot (single shackle). A maximum of 2 rear links are allowed. Four-wheel drive trucks must have solid front axle 4-wheel drive.

CR 10 SHOCK ABSORBERS and BUMP STOPS No limit on the number of shock absorbers. 2" (O.D.) shocks only (no coilover), reservoirs are permitted. One 2.5" bypass shock may be used per wheel if no other shocks are used. Air bump stops are permitted.
CR 11 SECONDARY SUSPENSION
CR 12 WHEELS and TIRES Any rims allowed. No spacers. Tires are limited to a max. diameter of 35".
CR 13 FASTENERS

STEERING and BRAKE COMPONENTS

CR 14 STEERING
CR 15 BRAKES Any type and manufacture brake may be used as long as all other rules are adhered to.

ELECTRICAL SYSTEM

CR 16 IGNITION
CR 17 BATTERIES
Lead acid batteries must be completely shielded per CR 17. Gel type batteries in driver compartment must have a shield preventing contact with occupants.
CR 18 LIGHTS Rear-facing blue light required for this class - Refer to CR 18 for other requirements.
CR 19 STARTERS FUEL SYSTEM
CR 20 FUEL
CR 21 FUEL TANKS Safety fuel cells are required unless approved by SCORE.
CR 22 FUEL FILLER LINES, VENTS, and CAPS

ENGINE, TRANSMISSIONS and DRIVELINES

CR 23 ENGINE and ENGINE DISPLACEMENT Engine must match make of the body of the truck. Engines must be normally aspirated and based on OEM engines available prior to, and including 1982.
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
CR 31 AUXILIARY EQUIPMENT
CR 32 SUPERCHARGERS and TURBOCHARGERS

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Trailblazer Class - *Vintage Era 1982 and Before*

Trucks - 2wd and 4wd *- cont'd*

VEHICLE SAFETY EQUIPMENT

CR 33 ROLL CAGES
Cages must meet minimum SCORE standards for construction. Earlier tubing sizes may be approved if these construction design standards are met.

CR 34 SAFETY HARNESS

CR 35 SAFETY NETS

CR 36 SEATING

GENERAL VEHICLE COMPONENTS

CR 37 DRIVERS COMPARTMENT
Must be steel cab

CR 38 DOORS and LATCHES
Must have operating doors and secondary latches.

CR 39 FIREWALLS

CR 41 WEIGHT

CR 42 FLOORBOARDS

CR 43 BUMPERS and HAZARDOUS PROTRUSIONS

CR 44 MIRRORS

CR 45 SKID PLATES

CR 46 STORAGE

CR 47 FENDERS
Trucks are required to have fenders that must be securely attached to the vehicle. The removal of fenders for any reason other than damage incurred during an accident, after the race has officially started, will cause the vehicle to be disqualified.

CR 48 CHASSIS and BODY - The body style must have existed in this era of 1982 or earlier. Must have steel cab and operating doors. The chassis must be stock. Trucks must have full bed sides.

CR 49 HOSES

CR 50 IDENTIFICATION MARKINGS - Numbers must be black numerals on white background. Original competition number (up to 3 digits) may be used with a **letter "V" preceding** the numerals. Vehicle must also display minimum of one (1) 3.5"x9" SCORE sticker on each side of vehicle. Contact SCORE at **702.407.3059** for competition number verification.

CR 51 ADVERTISING on VEHICLES

CR 52 RADIO EQUIPMENT

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