



Porsche Club

Porsche Owners Club



General Competition Rules 2020: Boxster Spec Class – BSR
Effective January 1, 2020

Questions concerning these rules should be directed to the POC Competition Director via the official POC website:
<http://porscheclub.com>

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22.0 BOXSTER SPEC CLASS

'97- '99 Boxster Spec Class racecars with all class approved modifications.

BSR - Fully developed racecar with complete roll cage and all other approved modifications. This class is approved for all series.

POC strives to keep its rules in alignment with other racing organizations running a Boxster Spec class. When POC rules are known to be different they are highlighted.

22.1 BSR

General

Eligible models for BSR are 1997-1999 Porsche Boxster 2.5L, motor #M96.20. All parts must be factory stock from one of the eligible years, except where modifications are specifically allowed below. Modifications not specifically listed are prohibited.

Any prior exceptions, written or verbal, no longer apply.

At the beginning of each year (and any time a modification is performed), each entrant must supply an updated written and signed dynamometer certification report. (included on Appendix D).

Tires

BSR drivers may use any Toyo RR (Spec) tires for qualifying and racing in a Sprint Competition Points Race provided that the tires have been stamped by a representative of the BSR Committee at the current or a previous event. It is NOT required that the same set of stamped tires be used for qualifying and racing.

Only one set of tires per driver will be stamped per weekend and such tires may not be used by another driver at that event or any subsequent event.

Non-stamped tires may be used in practice, in non-points races (eg. Tribute to LeMans), and in endurance points races (eg. Festival of Speed).

BSR Committee approval of exceptions to these rules for safety reasons (eg. damaged tire) must be sought PRIOR to the session/race if forfeiture of points is to be avoided.

22.1.1 Safety, Chassis, and Minimum Weight

- A. Roll cages must comply with Appendix E and there must be a minimum of 6 connection points to the chassis. Attaching to the windshield frame or B pillar is allowed. Roll cages may not pass through walls or sills but may pass through the front bulkhead and be tied to the shock tower. The factory rollover protective bars behind the seats may be removed to facilitate roll cage installation.
- B. Arm restraints are required for drivers of cars with aftermarket hardtops. A window net and roof net may take the place of arm restraints.
- C. Minimum weight is 2650 lbs. including driver.

- D. Ballast may not exceed 75 lbs., with a maximum of 25 lbs. bolted to the floor of the passenger footwell and the remainder secured behind the driver's seat.
- E. Battery minimum weight is 10 lbs., must be in stock location.
- F. Seam welding of the chassis is not allowed.

22.1.2 Engine

- A. Engines and components must remain stock; engine and transmission must remain in their stock locations.
- B. Replacement air filters cannot be larger than factory and must be drop-in factory size and style. No modifications to engine air inlet and intake.
- C. ECU and programming must remain stock; no other engine management can be added.
- D. Underdrive crank pulley is allowed, minimum 4" diameter. No modifications to any other pumps or pulleys; belts must be retained and operating. Power steering cooler is allowed.
- E. Allowed flywheel substitutions are AASCO 106412-11 or Fidanza 914572.
- F. Exhaust manifolds must be stock; catalytic converters may be removed and all other exhaust components are free. The exhaust system may be wrapped.
- G. An additional radiator in the center of the grill area is allowed; stock radiators must be retained. One or both side radiator fans may be removed.
- H. The following modifications to the oil cooling system are allowed: addition of external oil cooler, upgrade to Boxster S oil cooler, addition of deep sump oil pan.
- I. The use of an Accusump oil accumulator is allowed.
- J. Air conditioning and heating systems may be removed.
- K. Data acquisition systems are allowed.
- L. The engine air injection system may be removed.
- M. Power steering coolers are allowed.
- N. Cylinder resleeving is permitted, however, stock pistons must be used.
- O. Maximum of 91 Octane fuel (POC only).
- P. Upgrading to the newer 987 Boxster metal engine cover that is bolted down is allowed. Part # 98751321102.

22.1.3 Transmission

- A. Transmission must be G86/00 and must remain stock with no coatings and stock gear ratios.
- B. Clutch disk and pressure plate must be factory or Sachs Performance Clutch #88 1861 000 017 and Sachs Performance Sport Pressure Plate #88 3082 999 754.
- C. Short shift kits are allowed. Shifter console may be raised, and aftermarket shift cables may be

used, but shift cables must remain stock length.

D. Transmission oil coolers are allowed.

22.1.4 Suspension, Wheels, and Tires

A. Shock tower modification and strut braces are not allowed.

B. Camber plates are not allowed.

C. No urethane bushings or solid engine or transmission mounts are allowed.

D. Porsche GT3 (street) adjustable A-arms are allowed.

E. Springs must be stock or can be changed to 450 lb. front and 500 lb. rear, or 500 lb. front and 450 lb. rear, but must be one of these three allowed configurations (i.e., you cannot run a square spring setup).

F. Bilstein PSS9 shocks, part #F4-GM5-8847-H0 or #48-181440 with stock valving and Motion Control Systems SPB damper, part number SET-1WNR-SPB-01 are allowed. Shocks cannot be cockpit adjustable. The aluminum upper rear spring seat and the tender springs and separators may be aftermarket parts so long as they are substantially similar to the PSS9 part. Minor trimming of rain gutter sheet metal in the rear trunk above the shock adjuster to improve access is allowed.

G. Sway bars, drop links and toe links may be stock or changed to the following:

- Front sway bar: Porsche street GT3 or H&R 70779 or Tarett Engineering #996FSBK.
- Rear sway bar: H&R 71779 or Tarett Engineering #986RSBA
- Front drop links: modified stock (shortened for use with GT3 sway bar), Tarett Engineering #996FDLNK, or Tarett Engineering GT3 "long" links #EXTFDLNK
- Rear drop links: stock or Tarett Engineering #996RDLNK
- Rear toe links: stock or Tarett Engineering #996TLNKR or any similar rear toe link as long as it does not alter the suspension geometry beyond being longer and does not function differently than either of the other allowed toe links.

H. Ride height minimum 90 mm front and rear as measured at front cross of aluminum cross member and front-to-rear braces near rear sway bar.

I. Any factory cast aluminum rims intended for a Boxster and matching the listed offset are allowed; front wheels must be at least 18.5 lbs. and rear wheels at least 20 lbs. Rear wheels must be 17 x 8.5 inch, 45-50 mm offset. Front wheels may be either 17 x 7 inch, 55 mm offset, or the same size and offset as the rear wheels (17 x 8.5 inch, 45-50 mm offset).

J. Wheel spacers are allowed for 17 x 8.5 inch front wheels for fender and fender well clearance. A 1/4th inch spacer for the rear wheels is allowed.

K. Tires: Toyo RR front 235/40-17 or 255/40-17; rear 255/40-17. Toyo RA-1's may be used as rain tires.

L. A bolt-on cross tie bar connecting the rear suspension sub-frame sides is allowed. Tarett Engineering #RL-E35.SB96.

22.1.5 Brake System

- A. Brake pads are free.
- B. Steel braided brake lines are allowed.
- C. Emergency brake, lever, cables and associated parts may be removed.
- D. Brake cooling systems are allowed if they use only air. Air may be vented through the front air dam. Dust shield may be removed.
- E. One piece stock size steel rotors are required. Rotors may be cross-drilled or slotted.

22.1.6 Bodywork

- A. Soft convertible tops and motors/assemblies may be removed.
- B. Hard tops are mandatory and may be factory or aftermarket fiberglass replicas. Rear window must appear stock with no venting, can be lexan.
- C. Approved air dams and bumpers covers are limited to the following:
 - Stock or stock with cutout for additional radiator
 - Boxster S or replica
 - 996 Carrera 2 (U.S. delivered 1999 C2 model)
- D. GT3 style factory part #996-505-986-91 or clone only. Splitters may not extend forward of the front bumper cover and may be no more than 3" lower than the bottom of the front bumper cover. Factory or factory replacement side skirts are allowed.
- E. Headlights, tail lights and brake lights must remain stock; license plates, frames, and license plate frames may be removed. Rear bumper license plate area may be cut out to 27" wide by 7" tall maximum. Tow hook hole maximum 6"x 3".
- F. Rear spoiler must be left in the upright position; lift motor may be removed. Deck lid must be stock.
- G. Radiator inlet screens, side inlet scoops and screens and ventilation ducts are allowed.
- H. Polycarbonate (Lexan) windshields are allowed.
- I. If hood pins are installed, stock hood latches may be removed or disabled.
- J. The windshield wiper arms and blades may be removed. The windshield washer tank and the washer mechanisms may be removed.
- K. Underbody cover for the DRIVER SIDE and PASSENGER SIDE (part # 99750434303) are allowed.
- L. Seam sealer, undercoating, weather stripping, and tubing for water drainage may be removed.
- M. The plastic fender liners may be removed, or holes cut in them.

22.1.7 Interior

- A. Factory dashboard instrument pod must remain intact; 996 instrument cluster is allowed. Additional gauges may be added.
- B. All interior items and insulating material may be removed except where otherwise noted. Doors

may be gutted, except factory door beams must be intact or protruding intrusion door bars must be added to the cage.

- C. Steering wheel lock must be removed.
- D. Steering wheels are free, and quick release wheel hubs are allowed.
- E. Shift knobs are free.
- F. Any inside rear view mirror is allowed.
- G. The immobilizer box may be relocated inside the driver's compartment.
- H. The driver's footwell fuse panel may be relocated inside the driver's compartment.
- I. Factory engine cover must remain in the stock position and latched.
- N. Electrical wiring for parts which may be deleted may be removed.
- O. Thermal insulation and shielding may be removed.
- P. The clamshell piece over removed convertible top components may be attached to the body in any secure manner.